

# THE HAPPOLD FOUNDATION

England & Wales · Charity number 1050814

## Details

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Other names	THE HAPPOLD TRUST
Status	Registered
Legal form	Trust
Registered	1995-11-17
Register	<a href="#">View on the Charity Commission register</a>

## Contact

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Address	Levels 5-8 The Featherstone Building 66 City Road London EC1Y 2AL
Phone	020 7927 9700
Email	<a href="mailto:rhea.kilgour@burohappold.com">rhea.kilgour@burohappold.com</a>
Website	<a href="http://www.happoldfoundation.org">www.happoldfoundation.org</a>

## Activities

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**Objects:** A) THE PROMOTION OF EDUCATION, RESEARCH AND TRAINING AND IN PARTICULAR THE CREATION, MAINTENANCE AND FUNDING OF GRANTS, BURSARIES, SCHOLARSHIPS, PRIZES AND REWARDS FOR HIGHER EDUCATION, RESEARCH AND TRAINING IN FIELDS APPLICABLE TO THE CONSTRUCTION INDUSTRY, INCLUDING (BUT NOT LIMITED TO) ENGINEERING, DESIGN, TECHNOLOGY AND ARCHITECTURE; B) FOR SUCH OTHER CHARITABLE PURPOSES AND TO MAKE DONATIONS TO SUCH CHARITABLE INSTITUTION OR INSTITUTIONS AS THE TRUSTEES MAY IN THEIR ABSOLUTE DISCRETION THINK FIT.

**Activities:** The Happold Foundation is a charity dedicated to using engineering skills and experience to make a positive impact on people's lives. We work with students, educators, engineers and researchers to shape a community that wants to improve the performance of the built environment.

## Classification

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- **How:** Makes Grants To Individuals, Makes Grants To Organisations, Provides Other Finance, Provides Services, Sponsors Or Undertakes Research, Acts As An Umbrella Or Resource Body
- **What:** General Charitable Purposes, Education/training, The Prevention Or Relief Of Poverty, Overseas Aid/famine Relief, Arts/culture/heritage/science, Environment/conservation/heritage, Economic/community Development/employment
- **Who:** Children/young People, People With Disabilities, People Of A Particular Ethnic Or Racial Origin, Other Charities Or Voluntary Bodies, Other Defined Groups

## Geography

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- Germany
- India
- Poland
- United States
- Throughout England

## Finances

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Period end	Income	Expenditure	Assets	Employees
2025-04-30	£368,512	£264,125	-	-
2024-04-30	£360,600	£226,252	-	-
2023-04-30	£300,318	£207,848	-	-
2022-04-30	£241,006	£170,902	-	-
2021-04-30	£182,014	£197,367	-	-

## Trustees

Name	Role	Appointed
<b>Ian Maddocks</b>	Chair	2018-05-01
Clara Gholam		2023-05-01
Kitty Walker		2023-05-01
Robert Okpala		2014-05-01
Sam Youdan		2023-05-01
Sarah Sachs		2014-09-01
Thomas Karl Newby		2015-05-01
Tom Happold		2026-03-01

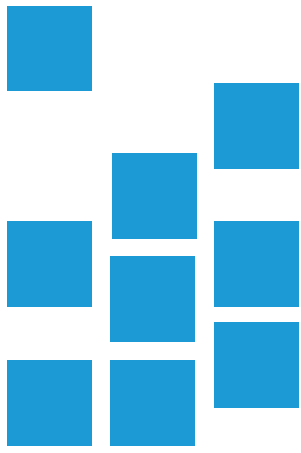
**THE HAPPOLD FOUNDATION**

England & Wales - Charity number 1050814

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# Accounts

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# HAPPOLD FOUNDATION



**Our impact in 2023-2024**

# Chairs Welcome



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Welcome to our latest Impact Report. I am very proud to be able to share some of the fantastic work that we have been able to support over the last twelve months, as well as detail some of the exciting changes that have been happening at the Foundation.

Our inspiring partner organisations have been working on projects that are designed to enhance the lives of people and their communities. Our financial support helps deliver their work in areas such as education, human development and knowledge sharing. We are committed to supporting organisations that focus on improving lives and prioritising diversity and inclusivity. This report highlights some of the impressive work that our partner organisations have been involved with over the last year.

In the last twelve months we have been delighted to welcome more members to the Happold Foundation community, including new trustees, hub leaders, ambassadors and directors. Our people are essential to enabling us to provide the most effective support possible to the organisations we work with, and their expert knowledge is going to be invaluable to our continued growth. We are very grateful to their ongoing dedication and hard work.

A key development over the last few months is our aim to create a USA charitable arm of the Foundation. While we already support projects in the USA, setting up an independent charity will open up more opportunities in the region and allow the Foundation to continue to extend their reach more widely.

Finally, following a design competition with Buro Happold, this year also saw us adopting a brand new logo.

Looking forward, we are developing a new scholarship programme, that helps students interested in a career in engineering to have better access to quality university education. The next year will also see us reach our 30th Anniversary. We look forward to updating you about some of the events we have in store to celebrate this milestone.

”

**Ian Maddocks**  
Chair, Happold Foundation

The Happold Foundation is a charity dedicated to supporting organisations that use engineering to improve people's lives. We fund projects that undertake vital work in addressing challenges such as the climate emergency, social inequality and inclusion.

Our funding programmes strive to support initiatives that are designed to better the lives of marginalised communities, encourage greater access to education and improve the sustainability of the built environment.

We work across four key focus areas to ensure our resources reach as many communities as possible.



### Human Development

Our [Human Development](#) focus area supports our partner organisations who work with communities in under-developed areas on high quality engineering projects that improve health and wellbeing.



### Futures

Our [Futures](#) focus introduces pupils aged 6-18 to Engineering, Maths, Science and Technology. We engage with partner organisations who work with teachers and schools to run exciting, hands-on education programmes that teach children about sustainable design in the natural and built environment.



### Education

Our [Education](#) work supports undergraduate students who want to pursue a career in engineering and design, through funding scholarships and awards. We also celebrate academic teaching excellence through our awards programme.



### Thinking

Our [Thinking](#) offer brings together people from all over our industry to discuss, debate and share knowledge on issues society is facing, the impact it is having on our cities and infrastructure, and how engineers will respond to these issues, with particular focus on climate change, health, and sustainable development. We facilitate events, workshops and lectures.

## Our Commitment to Sustainable Development Goals

Protecting our environment underpins our work at the Happold Foundation. We work with partner organisations who have the same commitment to sustainability as we do, and we support them by providing funding for projects that put green design, equality and education at the forefront of what they do.

First established in 2015 by the United Nations, the 17 Sustainable Development Goals form a roadmap for ending poverty, protecting the planet and tackling inequalities. Used across organisations, businesses and charities across the globe, the Goals form a blueprint for sustainable development.

The following pages will provide an insight into our commitment to the SDGs and highlight the goals each Focus Area contributes to.



Our impact in

# Human Development



Credit: Build It International

With the numbers of people living in poverty and economic exclusion continuing to rise, the need to access sustainable housing, education, healthcare and utilities is more important than ever.

We provide grants to organisations that work with communities in rural and underdeveloped locations helping provide access to energy and clean water, build affordable homes, teach technical skills and help their graduates find jobs in the construction industry.

■ £90k funding ■ Three Organisations Grants



Credit: Build It International

The Happold Foundation has been providing Organisational Grants as our main funding programme for Human Development projects since 2019. The grants provide £30,000 unrestricted funding per year for three years.

Our Organisational Grant partners 2023-2025 are: Reall, Build it International and Renewable World.

## Reall

**Reall** is a charity that strives to improve the lives of thousands of people living in Asia and Africa by delivering affordable homes. Combining pioneering green technologies with a holistic approach to building houses, Reall work with local governments and third sector organisations to develop housing projects for people on low incomes. Since they were established over 30 years ago, they have built over 14,000 homes and invested £17m in 167 projects. The grant has enabled them to continue their work in building new homes, infrastructure and utilities to support some of the world's poorest communities to improve their quality of life.

In 2023 - 2024, the Organisational Grant has helped Reall with:

- Running **IFC EDGE Green Buildings** training for staff, leading to three architects (from a long-standing partner organisation) passing the EDGE Expert Exams, with another partner currently going through the training process with committed funds to pay for the certification
- Co-hosting a workshop with the **Kenya Green Building Society**, with a focus on securing commitment from banks and developers to developing a roadmap for the future of financing housing in Kenya

Looking forward to 2024 - 2025, Reall has a number of projects including initiatives based in Pakistan and the Philippines, as well as continued work in Kenya.



Attendees at the Green Affordable Housing Workshop - Credit Reall

## Build It International

**Build It International** is a charity based in Zambia that delivers work and training opportunities for some of the many young people who live below the poverty line. Through their **Training into Work** programme, Build It helps students develop skills in the building sector, providing entry level training in areas such as bricklaying, carpentry, decorating and tiling. The programme also offers life skills, mentorship, pastoral care and links to local employers.

As part of their training, the young people work on community construction projects, including building new schools, medical centres and facilities such as latrines and wash stations. This important work not only provides invaluable experience for the trainees, it also strengthens the local community, helping people to support themselves and their families.

2023 also saw Build It complete its Centre for Excellence building, the training centre that will be home to all of the charity's construction courses.

Build It International has completed 56 community build projects in Zambia, including:

- 42 schools
- Four health and maternity clinics
- Latrines, houses and wash stations
- Completing the final phase of the Centre for Excellence

The organisation's Training into Work programme has also:

- Supported 1,824 young people
- Established a respected training organisation



Credit: Build It International

## Renewable World

**Renewable World's** mission is to enable the world's poorest people to access clean energy, empowering them to develop livelihoods and improve their quality of life. The charity strives to have impacted 500,000 people in Kenya and Nepal by 2030.

The Organisational Grant funding is helping Renewable World to deliver its **Powering People and the Planet** strategy, which encompasses energy for health, education, climate, livelihood and catalytic impact. The strategy focuses on using solar power and other clean technologies to provide water and energy, as well as providing training to communities on how to fully utilise their new systems.

In the last year, Renewable World have

- Reached over 50,000 people in Kenya and Nepal
- Provided 7,911 people with improved access to energy for productive use
- Trained 387 people in climate-smart architecture Electrified eight health centres which serve over 21,000 people



Credit: Renewable World

## Sustainable Development Goals

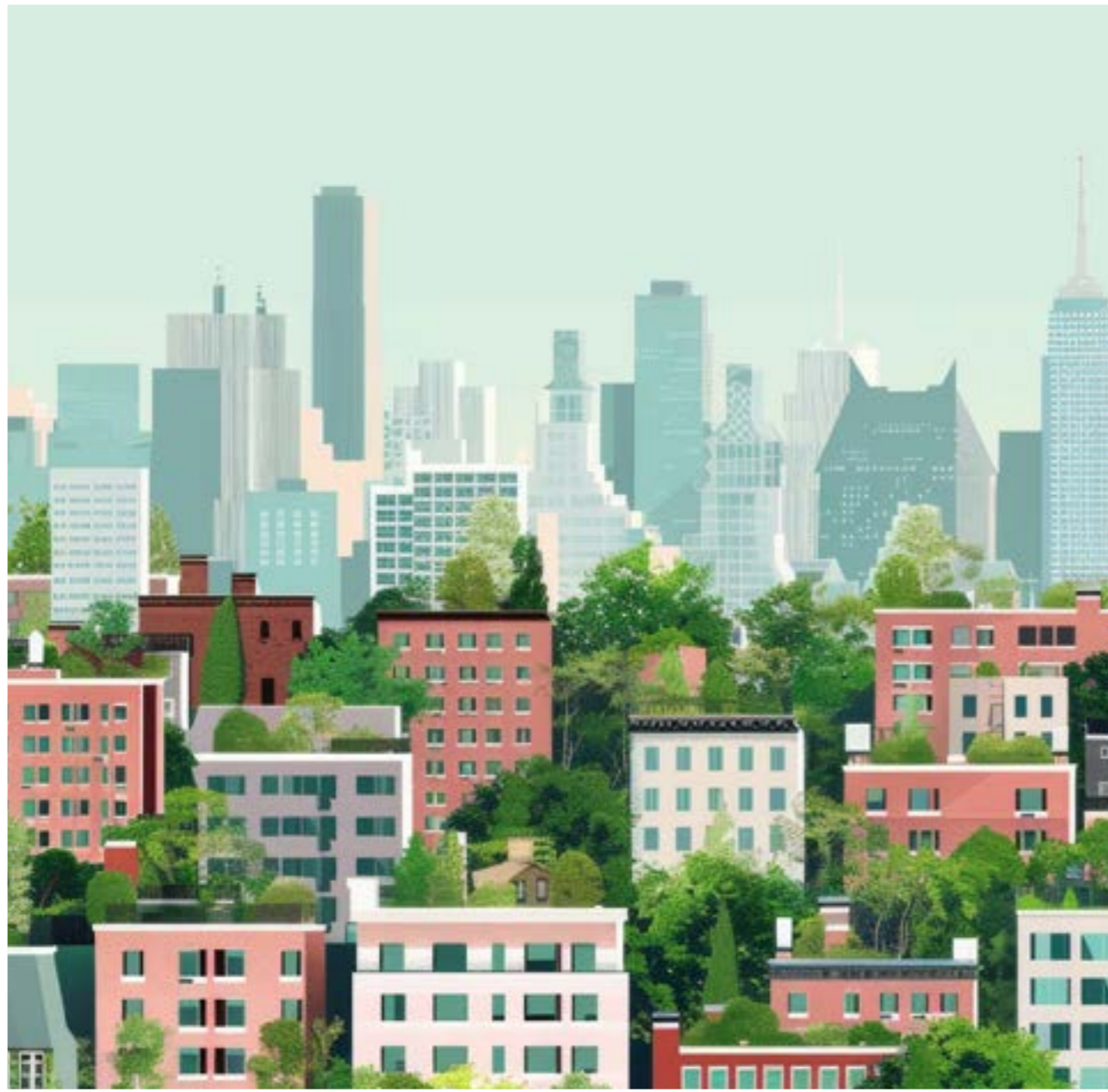
Focusing on:



Positively impacting:



# Our impact in Thinking



Sharing knowledge and offering opportunities to discuss and debate the key issues impacting the sector is an important element of our work at the Happold Foundation. We believe that being at the forefront of new ideas and discovering solutions to issues such as the climate emergency, inclusion and diversity, we can lead the way in creating the future of the built environment.

## £15k funding ■ Three City Conversations

The focus of our Thinking Hub is our City Conversation events. Held throughout the year, the Conversations bring together a panel of industry experts and a live audience to debate key themes in the built environment. Run in partnership with Ngenuity, the Conversations attract an average of 100 participants for each event.

### From Crunch to Crisis: How the Energy Economy Will Reshape Our Lives

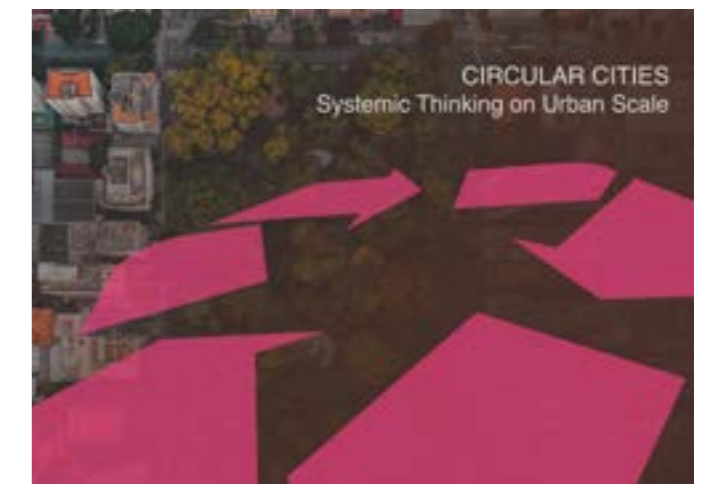
In April 2023, this conversation saw a panel of economists, scientists, and professionals from the energy demand and supply sectors discuss the energy crisis and the rising costs for those who can least afford it. The panel explored how we can lessen the immediate impact of the crisis and plan for a more resilient future.

### City Conversations – Only Connect: How can we join up Transport and Development

Held in October 2023, we discussed how, with pressures to boost growth and cut pollution, cities can better use their resources. The conversation explored the transport aspects of sustainable development and looked at issues such as why the UK transport and housing development is disconnected, and how spatial planning and Geographic Information System (GIS) can create better connected cities.

### City Conversations Circular Cities: Systemic Thinking on Urban Scale

In February 2024, we explored how rapid urbanisation is leading to mass overconsumption and pollution, generating around 70% of global carbon dioxide emissions and increasingly unliveable urban environments. The Circular City model emphasises efficient material cycles, the use of renewable energy and at the same time the preservation of biodiversity, the promotion of culture and the prioritisation of health.



## Sustainable Development Goals

Focusing on:



# Our impact in Futures



Credit: Matt+Fiona

Enabling our partners to create educational opportunities for young people is a key focus of the work we do at the Happold Foundation. We provide funding to initiatives that work with children aged 5-18 to ignite that early interest in engineering and the built environment. We strive to support projects that are environmentally conscious and socially inclusive.

- £100k funding
- Three Organisations Grants
- Projects in the UK and USA



Credit: Catalytic Action

The core funding for our Futures focus area is our Organisational Grant, which provides £30,000 unrestricted funding per year for three years to organisations that work in the areas of education and the built environment.

Our organisation grant partner are: Class of Your Own (Year 1) Matt + Fiona (Year 2) and Catalytic Action (Year 2).

## Catalytic Action

**Catalytic Action** is a charity that uses design and architecture to empower children, young people and their communities. Working across 20 countries, the team of architects, artists, builders and educators run collaborative build and research projects with local communities, empowering them to take part in the creation of their built environment. Since 2015, Catalytic Action have worked with 2,500 children, built 47 projects and run over 700 participatory activities.

2023 saw the charity fully fund a project for the first time. Based in Beirut in Lebanon, over 30 teenage girls were engaged to work on a project addressing how public spaces can better meet woman's needs. Following 14 activities over several weeks, Catalytic Action co-created a design brief for the built interventions. The design phase is currently underway.

**In addition, 2023 saw Catalytic Action work on several projects across the Globe, including:**

- Co-designing several projects in Lebanon, including working with a community group to develop a new skate park in Tripoli, and working on **Ecoplay** in Beirut, a play space that

utilises recycled materials.

- Collaborating with **Arup** to put together the **Playful Cities Design Guide**, which will inspire urban developers to embed play elements for children and young people in UK cities.
- Working in Italy with local association **Black&White** to support the design for an outdoor community space in Castel Volturno. The project involved engaging 70 children and young people of different nationalities and helping to plan a space that would meet their needs and well-being.



Credit: Catalytic Action



Credit: Matt+Fiona

## Matt + Fiona

Matt + Fiona is a charity that works with young people to empower them to shape their own spaces. By delivering engaging educational programmes, the organisation delivers projects for children to work on improving the built environment for their communities, designing spaces from concept to completion. So far, the charity has worked with over 4,500 young people across 37 build and installation projects.

We are delighted to be able to continue to support Matt + Fiona over the last year. 2023 - 2024 has seen the charity's second year as one of our Organisational Grant recipients.

**2023 was a significant year for the charity as they were able to continue to grow. Projects included:**

- Working with the **Built Environment Trust** to develop a series of workshops for Key

Stage 2 children. 971 children and teachers discovered how materials such as straw, timber, compost waste and other sustainable materials can be used to create an eco-friendly urban environment.

- Developing a series of workshops using modular cardboard pieces to create a design for a **Mini Home of the Future**. Hosted by the **Museum of the Home**, the workshops were run in partnership with a local primary school. The designs were scaled up to a full-size model for children to explore.
- Partnering with local authorities and **Latimer** to work with young people in Colchester to design a new garden community. This included running a Young People's Forum, Schools Design Challenge and Summer Studio for young people age 11-18.

## Our work in the USA

The Happold Foundation is privileged to have a team of people across the United States who have developed close relationships with some amazing organisations providing innovative and engaging education programmes across the USA to encourage the next generation towards a career in engineering and architecture..

### ACE Mentorship Program

The Happold Foundation sponsors scholars on the **The ACE Mentor** programs in New York and Chicago. These are free after school programs designed for high school students (particularly from minority and underserved backgrounds) who are interested in architecture, engineering or construction. Mentors guide students through the fundamentals of technical design, while also developing a pseudo-design project which is presented to an audience at the end of the season.

In addition to the scholarships, we also secured staff from Buro Happold to provide mentoring and work experience placements at their New York and Chicago offices.

### LA Promise Fund - The Intern Project

Working with High School students across Los Angeles, the **LA Promise Fund** is a non-profit organisation that helps young people to access college and further education. They are particularly focussed on securing placements for students who are at risk of oppression or marginalisation. Since they were first established in 2014, they have provided opportunities for over 850 students, with 97% of those gaining college placements.

During 2023, the Happold Foundation supported two students with paid internships at Buro Happold offices. The internship programs also provides mentoring, career development workshops and other enrichment opportunities.



LA Promise Fund students

## Sustainable Development Goals

Focusing on:



Conversations in:



# Our impact in Education



Our support of initiatives that promote the education of our future engineers is an important part of the work we do at the Happold Foundation. We believe that by providing opportunities for young people to thrive in their education, we can help them to shape their careers in the built environment. We seek to fund programmes that enhance the experience of engineering students and their studies in our industry.

- £30k funding
- Ted Happold Prize
- Happold Brilliant Award

In the last year, our funding focussed on specific projects and initiatives that strengthen the education of university students studying engineering. The Foundation has provided support to projects in the UK and the US, providing opportunities for students as well as recognising high quality teaching.

## The Happold Brilliant Award

Every year, we celebrate the educators that demonstrate excellence in the teaching of building services engineering. In partnership with the **Chartered Institute of Building Services Engineering (CIBSE)**, we sponsor the **Happold Brilliant Award**, which is presented to an institution that provides outstanding education provision. The award provides a £1000 prize to the winning institution.

In October 2023 the Happold Brilliant Award was presented to **Hong Kong Polytechnic Institute**, recognising their contribution to outstanding teaching in building services engineering.

## NRAC Accessibility and Inclusive Design Training

Recent years has seen a dramatic increase of interest in and demand for inclusive design and accessibility, but there is a shortage of specialists with appropriate training and experience. So this year the Happold Foundation partnered with the **National Register of Access Consultants (NRAC)** to fund the development of a new career development training module primarily geared towards existing architecture and engineering professionals wishing to specialise in accessibility and inclusive design.

We hope to have courses up and running by October 2024. The NRAC will be offering heavily discounted places for people on low income.



## Bath University Ted Happold Prize

Now in its fourth year, the initiative gives final year students from across Bath's Faculty of Engineering and Design the opportunity to work within an interdisciplinary team to design a project based on an architectural brief. The entries are assessed by a panel of judges, with awards given for first, second and third place.

This year, the brief was to create a new Higher Education institution and industry innovation hub for 5,750 students in Swindon, UK. Designed to act as the public face of a regional university and industry collaboration, in addition to creating an environment to inspire 16-18 year old students to study STEM (science, technology, engineering, arts and mathematics) fields. Teams needed to design a space that would support training workshops, meeting facilities and exhibition spaces.

When developing their projects, the teams needed to consider the practical use of the building, the architecture and building design and the geographical location of the development. The students were briefed to use the principle of 'leaving no-one behind' and to consider the Sustainable Development Goals (SDGs).



Group 10's The Retrofit Institute

2024's third place was awarded to **Group 22**, for their project '**The School of Material and Sculpture Studies (MASS)**'. Second place was awarded to **Group 17** for their design '**Re: Institute**'.

The **Ted Happold Prize** was awarded to **Group 10**, for their project '**The Retrofit Institute**'. Their design focused on reinvigorating the area to inspire young people and creating new job opportunities for professionals, by embracing future technology as a tool rather than competition in labour-intensive sectors. The library features as the public face of their plans, with a 1:1 prototyping workshop sitting at the heart of the campus.



Group 10's The Retrofit Institute



Students taking part in a Pando Days activity

## Our work in the USA: Pando Days

This year the Happold Foundation sponsored the Pando Days 2023 project season. Pando Days is a non-profit organization that was created to address the challenges of the **LA County Sustainability Plan** through civic engagement.

The program activates student teams at colleges, universities and trade schools across LA County to develop visionary projects aimed at implementing the core elements of the Sustainability Plan.

Over the course of the fall semester, 16 teams of students from 12 colleges developed innovative solutions tackling urban biodiversity, disaster preparedness and resilience, urban heat island effect, food insecurity and composting, beach pollution, and much more.

## Sustainable Development Goals

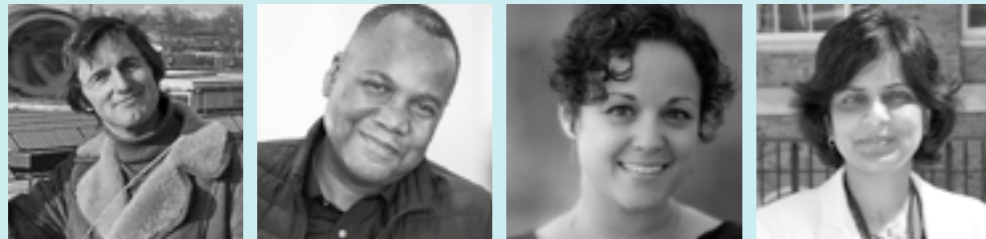
Focusing on:



## OUR TRUSTEES AND EXECUTIVES

Our Trustees provide essential support, knowledge and guidance to enable us to run our initiatives and continue to develop new programmes. Their hard work and commitment allows us to continue furthering the impact that engineering has on our world.

The executive team are the guardians of the Happold Foundation, working hard to ensure it is healthy, resilient and sustainable so that it continues to do great work far into the future.



Ian Liddell CBE   Robert Okpala   Sarah Sachs   Dr. Priti Parikh, FICE, CEng, FRSA



Tom Newby   Matthew Happold   Fergus Anderson   Celia Way



Clare Gholam   Kitty Walker   Sam Youdan

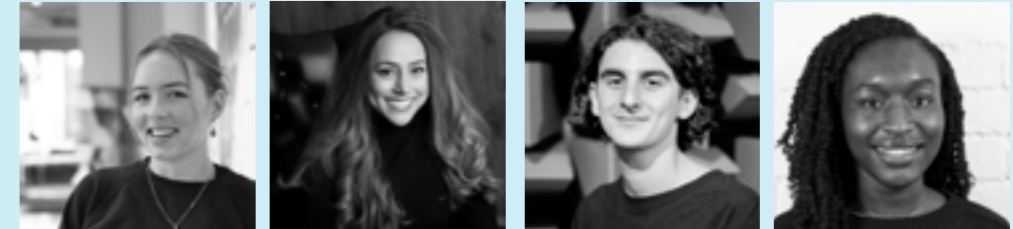
## OUR EXECUTIVES



Ian Maddocks, Chairman   Lorraine Milne, Secretary   Jonathan Fox, Treasurer   Alison Ulldemolins, Communications Director

## OUR AMBASSADORS

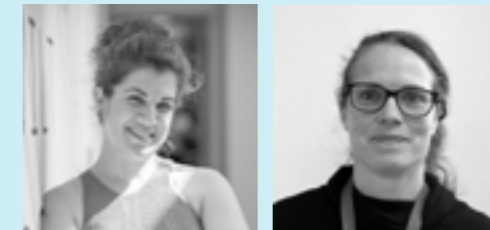
Our Ambassadors provide invaluable support representing the Happold Foundation and the projects we sponsor by volunteering their time to help arrange events, Chair Conversations and develop relationships with partner organisations.



Rhea Balmforth   Laura Plazas   Leo Fernandez   Shinade Wilson

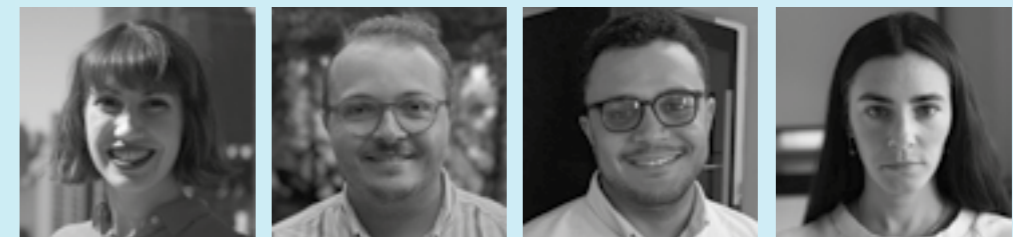


Maddie Adas   Storm Hayward   Olivia Hughes   Abi Donald

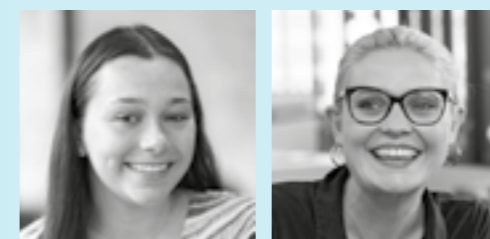


Myrto Skreta Krikou   Nyomi Rowsell

## OUR AMERICAN AMBASSADORS



Hannah Valentine, New York   John Sloane, New York   Trevor Reynolds, New York   Jaclyn Hersh, San Francisco



Rachel Deradoorian, Chicago   Kathleen Hetrick, Los Angeles

# HAPPOLD FOUNDATION



Since our charity was founded nearly 30 years ago, we have worked to encourage and promote those working in the built environment to help shape the future of engineering.

We understand how engineering can make a difference, so we talk about the key issues that affect us, support tomorrow's engineers, provide engineering services and career training to communities most in need and encourage thought leadership throughout our community.

## **The Happold Foundation**

Levels 5-8, The Featherstone Building  
66 City Road  
London, EC1Y 2AL, UK

[www.happoldfoundation.org](http://www.happoldfoundation.org)

THE HAPPOLD FOUNDATION  
 INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDING  
 30 April 2024

	<u>2024</u>	<u>2023</u>	<u>2022</u>	<u>2021</u>	<u>2020</u>
<b>INCOME</b>					
Donations received	360,000	300,150	241,002	182,004	249,280
Bank Interest	600	168	4	10	251
	<u>360,600</u>	<u>300,318</u>	<u>241,006</u>	<u>182,014</u>	<u>249,531</u>
<b>EXPENDITURE</b>					
Covenanted payments	-	-	-	-	-
Donations and scholarships	213,307	202,128	164,626	170,528	224,917
Legal and Professional	4,386	4,955	4,200	5,805	1,150
Student sponsorship	-	-	-	20,400	24,700
Sundries & Administrative Expenses	8,559	764	2,076	634	7,830
	<u>226,252</u>	<u>207,848</u>	<u>170,902</u>	<u>197,367</u>	<u>258,597</u>
<b>Net Surplus (Deficit) for year</b>	134,348	92,470	70,104	- 15,352	- 9,065

THE HAPPOLD FOUNDATION  
BALANCE SHEET FOR THE YEAR ENDING  
30 April 2024

	<u>2024</u>	<u>2023</u>	<u>2022</u>	<u>2021</u>	<u>2020</u>
<b>CURRENT ASSETS</b>					
Bank and building society accounts	487,104	352,757	260,287	190,183	205,535
	<u>487,104</u>	<u>352,757</u>	<u>260,287</u>	<u>190,183</u>	<u>205,535</u>
<b>CURRENT LIABILITIES</b>					
Creditors	-	-	-	-	-
	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
<b>Net</b>	<u><u>487,104</u></u>	<u><u>352,757</u></u>	<u><u>260,287</u></u>	<u><u>190,183</u></u>	<u><u>205,535</u></u>
<b>GENERAL FUND</b>					
Balance brought forward	352,757	260,287	190,183	205,535	214,600
Surplus (Deficit) for the period	134,348	92,470	70,104	- 15,352	- 9,065
<b>Net</b>	<u><u>487,104</u></u>	<u><u>352,757</u></u>	<u><u>260,287</u></u>	<u><u>190,183</u></u>	<u><u>205,535</u></u>

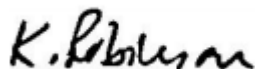
External Scrutiny Report to the Trustees of the Happold Foundation

Accounts for the Period to 30th April 2024

I have reviewed the Financial Statements for the Happold Foundation for the year ending 30th April 2024 using the records and information provided to me by the trustees.

I have inspected the bank statements to check both the transactions made during the year and balances held at the end of the year. I have found no evidence of any misstatement or incorrectly recorded transactions in the underlying records.

I am not a trustee of the foundation.

A handwritten signature in black ink, appearing to read 'K. Robinson'.

Katie Robinson ACA  
25/10/2024

**THE HAPPOLD FOUNDATION**

England & Wales - Charity number 1050814

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# Accounts

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# Our impact in 2022-2023



Human Development



Futures



Education



Thinking

CHAIR'S WELCOME

WHAT WE DO



## Welcome

We are delighted to bring you our latest report. Over the next few pages we'll share some of the inspirational work our partner organisations embarked on last year, as well as how we helped support them. We are so proud to be able to contribute to the work that plays such a significant role in improving people's environments, and in turn their quality of life.

At the Happold Foundation we are dedicated to supporting charities and initiatives whose work has the most benefit to people they work with. We strive to provide funding to projects that enable people to thrive in their communities and have the environment, inclusivity and diversity embedded in the work that they do.

We also believe we have a responsibility to share knowledge with children and young people entering the world of engineering. We do this through supporting education projects for students from primary school age through to university students, providing opportunities to learn more about engineering and the contribution we can make to the world around us. We aim to inspire young people and play a part in finding the next industry leaders for our sector.

As well as the fantastic work our partners undertake, we are also very grateful to our trustees and ambassadors, who all give their time voluntarily to ensure the Foundation works in the most effective way and whose support makes the work we do possible.

**Ian Maddocks**  
Chair, Happold Foundation



The Happold Foundation is a charity dedicated to supporting organisations that use engineering to improve people's lives. We fund projects that undertake vital work in addressing challenges such as the climate emergency, social inequality and inclusion.

Our funding programmes strive to support initiatives that are designed to better the lives of marginalised communities, encourage greater access to education and improve the sustainability of the built environment.

We work across four key focus areas to ensure our resources reach as many communities as possible.



### Human Development

Our **Human Development** focus area supports our partner organisations who work with communities in under-developed areas on high quality engineering projects that improve health and wellbeing.



### Futures

Our **Futures** focus introduces pupils aged 6-18 to Engineering, Maths, Science and Technology. We engage with partner organisations who work with teachers and schools to run exciting, hands-on education programmes that teach children about sustainable design in the natural and built environment.



### Education

Our **Education** work supports undergraduate students who want to pursue a career in engineering and design, through funding scholarships and awards. We also celebrate academic teaching excellence through our awards programme.



### Thinking

Our **Thinking** offer brings together people from all over our industry to discuss, debate and share knowledge on issues society is facing, the impact it is having on our cities and infrastructure, and how engineers will respond to these issues, with particular focus on climate change, health, and sustainable development. We facilitate events, workshops and lectures.



Our work in Human Development strives to enable disadvantaged communities to access high quality engineering projects that will improve their environments. We provide grants for initiatives that make a significant positive impact to the people they work with; supporting organisations that focus on using engineering as a tool for furthering human development.

## OUR IMPACT IN HUMAN DEVELOPMENT

£100,000 funding

2 Organisational Grants  
1 Exceptional Project Grant

### Organisational Grants

The Happold Foundation has been providing Organisational Grants as our main funding programme for Human Development projects since 2019. The grants provide £30,000 funding per year for three years to carefully selected organisations to use towards their invaluable work.

In 2022 – 2023, we awarded grants to **REALL**, **Build It International** and **Renewable World**.

### REALL

**REALL** work across Kenya, Nigeria, Uganda, India and Pakistan to provide opportunities for communities to purchase secure, affordable green housing. Their housing programme has provided thousands of people with housing, jobs and access to clean water and sanitation. Their projects also aim to be environmentally sustainable, with savings of over 100,000 tonnes of carbon emissions to date.

The Foundation is proud to be able to support an organisation that works to alleviate poverty while also making a positive contribution to the economic and environmental future of the community.



Children play outside a new housing development project by charity REALL

## Build It International

**Build It International** work with young people in Zambia, providing access to vocational training in construction. The students also work to improve their local communities; using their skills to build projects such as hospitals, schools and community centres.

This year, the Happold Foundation provided Build It International with their second Organisational Grant, which is a real testament to the invaluable contribution the charity makes to improving the lives of the people it works with.

In addition, we also provided the charity with an exceptional project grant to enable them to provide students with tablets for remote learning over the Covid lockdown.



*Students at Build It International's Zabezi Sawmills Community School project. The charity installed four new classrooms and a toilet block, while teaching construction skills to the local community.*

## Renewable World

This year also saw **Renewable World** successfully secure their second Organisational Grant. We continue to be impressed by the charity's work to increase access to inclusive, community-owned renewable energy systems.

With projects in rural Nepal and Africa, Renewable World's utility systems also empower disadvantaged communities to achieve sustainable livelihoods. To date, over 2000 farmers and smallholders have been trained in how to run and maintain energy, water and clean cooking solutions.



“Working with the Happold Foundation has been wholly positive - it's been great to receive such positive feedback on the work we're doing.”

Kate Gibson, Renewable World



Opening up opportunities for young people to discover their future in engineering is a key focus of our work at the Happold Foundation. We support initiatives that work with children age 5-18 to introduce careers in the built environment.

We carefully select organisations who run projects that are socially inclusive, environmentally conscious and support diversity.

## OUR IMPACT IN FUTURES

→ **£80,000**  
grant funding

→ **Two Organisational**  
grants in the UK

→ Supported **2** scholarship  
programs in the USA

### Organisational Grants

The key support that the Happold Foundation offers as part of our Futures focus area is funding through our Organisational Grants. The grants provide £30,000 per year for a three-year period to organisations that work in areas of education and the built environment.

We strive to support organisations who combat climate change, challenge social inequality and provide exceptional educational programmes for young people.

Last year, we awarded a three-year grant to **Class of Your Own**, and continued our support for **Matt+Fiona**, who were the first recipients of a Futures Organisational Grant in 2021.

#### Matt+Fiona

We have worked with Matt+Fiona for a number of years, and were delighted to continue supporting them in the third year

of our grant scheme. Matt+Fiona provide opportunities for young people to work on projects for their communities, designing inspiring spaces from concept to completion. From student workshops and build projects to training for teachers and architectural students, the organisation puts their young people at the heart of their projects.

#### Class of Your Own (COYO)

COYO create built environment and infrastructure projects for students through their Design Engineer Construct! (DEC!) programme. We are really impressed with COYO's dedication to incorporating social, economic and environmental themes into their educational programmes.

As well as their DEC! initiative, COYO also runs in person and virtual work experience placements, working alongside employers and schools to provide a diverse and wide range of opportunities.



Children taking part in the Brixton House Let's Build run by MATT+FIONA, where pupils designed their own pop up theatre space

© Luke O'Donovan

## Our work in the USA

We work with several innovative and exciting education programmes in the USA. We're proud to be able to support initiatives that provide education and work experience opportunities for the next generation of engineers in the country.

### ACE Mentorship Program

**The ACE program** is designed for High School students in schools from NYC, LA and Boston who are passionate about pursuing a career in architecture, engineering or construction. We're proud to have provided two \$2000 scholarships as part of the program.



ACE interns taking part in a field trip organised by Buro Happold

### LA Promise Fund

Working with High School students across Los Angeles, the **LA Promise Fund** is a non-profit organisation that helps young people to access college and further education. They are particularly focussed on securing placements for students who are at risk of oppression or marginalisation.

During 2022-2023, we worked with the LA Promise Fund to sponsor The Intern Project (TIP) providing three placements at Buro Happold's LA office and one at a local non-profit organisation.



Students taking part in a TIP field trip

### Looking Forward

We will be starting a new cycle for two organisational grants in 2023, and are delighted to announce that next year's recipients have been selected. They are Matt+Fiona, and Catalytic Action, a charity that uses design and architecture to provide opportunities to displaced and disadvantaged children across 20 countries.

We look forward to sharing more about the great work Catalytic Action do in the coming months.



“The grant has been transformational in enabling us to test and develop our own core programmes that respond to growing need.”  
Fiona MacDonald, MATT+FIONA

© Luke O'Donovan



# EDUCATION



Investing in our future engineers is an important part of the work we do at the Happold Foundation. We believe that by providing opportunities for young people to thrive in their education we can help them to shape their careers in the built environment. We seek to fund initiatives that create exciting and valuable opportunities for students studying engineering.

## OUR IMPACT IN EDUCATION

→ £23,000 grant funding

→ Happold Brilliant Award

→ Ted Happold Prize, University of Bath

→ Royal Academy of Engineers Scholarship

### Royal Academy of Engineers (RAEng) Scholarship

Now in the 2nd year of a 3-year sponsorship with the [Royal Academy of Engineers' ELS Scholarship](#). We provided six enhanced scholarships for university students studying in the UK. The scholarships consist of grant funding, a mentor and a paid internship at a Buro Happold office.

### The Ted Happold Prize, University of Bath

We are proud to be involved with the [Ted Happold Prize at the University of Bath](#)

for the third year. The prize gives final year students at the University an opportunity to work as part of an interdisciplinary team, following a brief to create their own unique and innovative designs.

This year, the brief was to design a new college building for Oxford University on a site in the centre of the city, at the heart of the University. The building was for a group which is currently underrepresented within the University community, and was to comprise a series of bedrooms, dining and meeting spaces. The designs needed to keep energy targets and environmentally responsible design in mind.

In total, 28 teams entered the competition, with prizes and commendations awarded by a panel of experts.



'The City and a City' - the Univsity of Bath of Ted Happold Prize winning design, by Group 12

[www.happoldfoundation.org/education/](http://www.happoldfoundation.org/education/)

## The Happold Brilliant Award

Every year, we celebrate the educators that demonstrate excellence in the teaching of building services engineering. In partnership with the [Chartered Institute of Building Services Engineering \(CIBSE\)](#), we sponsor the Happold Brilliant Award, which is presented to an institution that provides outstanding education provision.

The 2022 prize was awarded to University College London's Institute for Environmental Design and Engineering to recognise the outstanding contribution of the Institute's MEng Engineering and Architectural Design course. The programme is a four-year course jointly designed and delivered by the Bartlett School of Architecture, UCL Institute for Environmental Design and Engineering, and UCL Civil Environmental and Geomatic Engineering.

The CIBSE panel were impressed by the high quality of graduates from the course and the projects that students were able to get involved with during their studies.



2022's Happold Brilliant Prize winner University College London

## Our work in the USA

### Pando Days

**Pando Days** is an annual program teaching teams of students in higher education, project-based courses that aim to influence a more resilient LA County and advance the Sustainable Development Goals.



A group of students taking part in Pando Day activities

### Looking forward

In the next year, we will continue to support the fantastic initiatives that we have this year, including the University of Bath Ted Happold Prize, ACE scholarships and the Happold Brilliant Award.

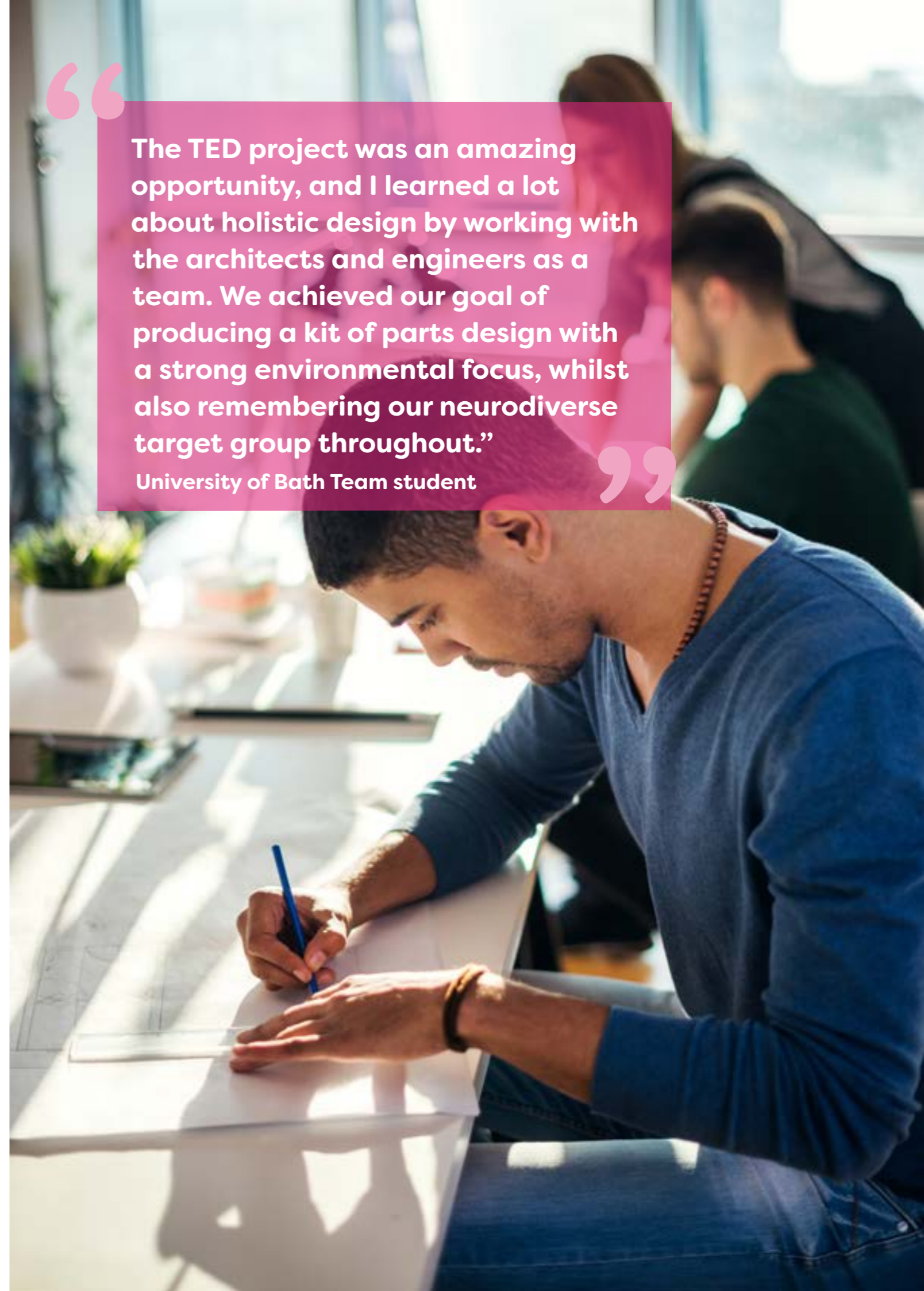
In addition to the partners we already support, next year we will be sponsoring the [National Register of Access Consultants](#) new 'Inclusive Design training for professionals' course. We are excited to have the opportunity to further support the growth of our colleagues working in the build environment.

“

The TED project was an amazing opportunity, and I learned a lot about holistic design by working with the architects and engineers as a team. We achieved our goal of producing a kit of parts design with a strong environmental focus, whilst also remembering our neurodiverse target group throughout.”

University of Bath Team student

”





# THINKING



Encouraging discussion and debate is an important part of tackling the challenges faced by our sector. By providing opportunities for engineers to share ideas and knowledge, we can strengthen our approach to creating solutions to issues such as the climate emergency, inclusion and diversity.

## OUR IMPACT IN THINKING

→ £25,000 funding

→ 4 City Conversations

### City Conversations

A key focus of our Thinking hub is to deliver our **City Conversations**, a series of online conversations that bring together a panel of influential industry leaders and some of the rising stars in the sector, talking about key topics in the industry. All events are open to an international audience and free to attend.

### Our 2022-2023 Schedule:

#### 10 May 2022 - Urban Green Spaces Revisited

Following on from our Conversation with a similar theme that took place in 2017, **Urban Green Spaces Revisited** looked at the need to look at the wider impacts of Green Spaces on health and wellbeing.

#### 10 October 2022 - London 2012 Revisited



In partnership with the Engineering Club a live Conversation was held at The Building Centre. **London 2012 Revisited** sought to analyse if the 2012 Olympics had achieved the legacy it set out to create, discussing the urban impact, social uplift and sustainability goals.

#### 21 February 2023 - Mind The Gap: Revisiting Education for the 21st Century



Our **Mind the Gap** conversation looked at different and changing education routes into engineering, - the impact it had on the industry, and what could be done to encourage a more diverse range of people to join the profession.

#### 28 March 2023 - From Crunch to Crisis: How the Energy Economy will shape our lives



During the **From Crunch to Crisis** event our panel discussed the impact of the energy crisis and how we could learn from it as well as exploring what we needed to do to adapt in the future.

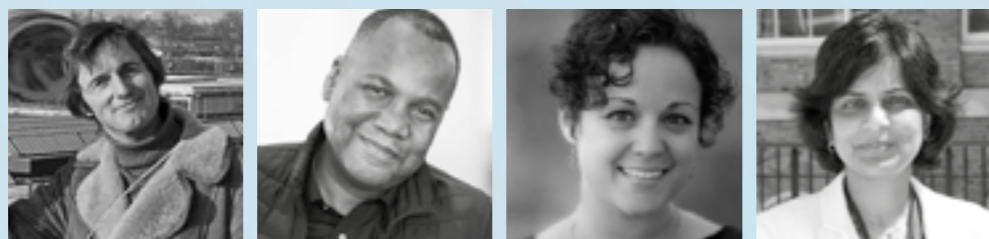
## OUR HISTORY

Since our charity was founded over 25 years ago, we have worked to encourage and promote those working in the built environment to help shape the future of engineering. We understand how engineering can make a difference, so we talk about the key issues that affect us, support tomorrow's engineers, provide engineering services and career training to communities most in need and encourage thought leadership throughout our community.

## OUR TRUSTEES AND EXECUTIVES

Our Trustees provide essential support, knowledge and guidance to enable us to run our initiatives and continue to develop new programmes. Their hard work and commitment allows us to continue furthering the impact that engineering has on our world.

The executive team are the guardians of the Happold Foundation, working hard to ensure it is healthy, resilient and sustainable so that it continues to do great work far into the future.



Ian Liddell CBE   Robert Okpala   Sarah Sachs   Dr. Priti Parikh, FICE, CEng, FRSA



Tom Newby   Matthew Happold   Fergus Anderson   Celia Way



Ian Maddocks, Chairman   Lorraine Milne, Secretary   Jonathan Fox, Treasurer

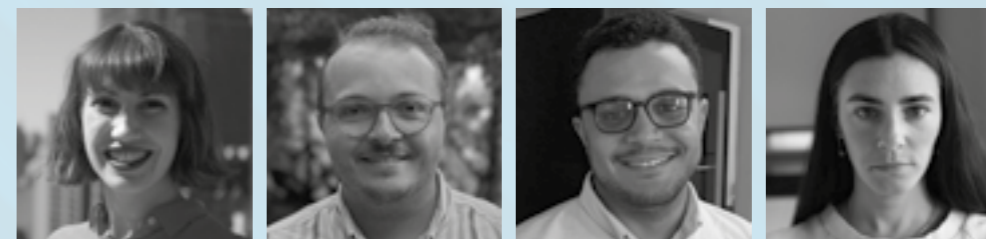
## OUR AMBASSADORS

Our Ambassadors provide invaluable support representing the Happold Foundation and the projects we sponsor by volunteering their time to help arrange events, Chair Conversations and develop relationships with partner organisations.

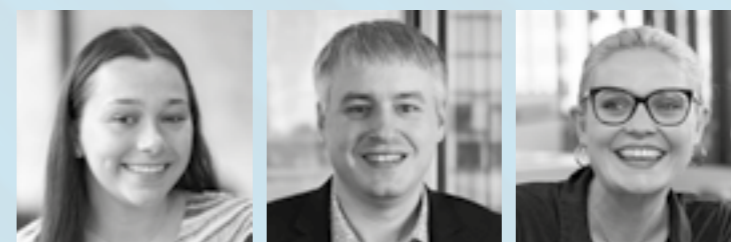


Lucy Sutcliffe   Lukas Rutkauskas   Kitty Walker   Shinade Wilson

## OUR AMERICAN AMBASSADORS



Hannah Valentine, New York   John Sloane, New York   Trevor Reynolds, New York   Jaclyn Hersh, San Francisco



Rachel Deradoorian, Chicago   Chris Crilly, Washington   Kathleen Hetrick, Los Angeles

# The Happold Foundation

The Happold Foundation is a charity dedicated to using engineering skills and experience to make a positive impact on people's lives.

We work with young people, educators and researchers to shape a community who want to improve the built environment.



Produced by Lightbox Creative - September 2022

## Contact us

### The Happold Foundation

17 Newman Street

London

W1T 1PD, UK

[www.happoldfoundation.org](http://www.happoldfoundation.org)

For all enquiries please contact: [Info@happoldfoundation.org](mailto:Info@happoldfoundation.org)

THE HAPPOLD FOUNDATION  
BALANCE SHEET FOR THE YEAR ENDING  
30 April 2023

	<u>2023</u>	<u>2022</u>	<u>2021</u>	<u>2020</u>	<u>2019</u>
<b>CURRENT ASSETS</b>					
Bank and building society accounts	<u>352,757</u>	<u>260,287</u>	<u>190,183</u>	<u>205,535</u>	<u>214,600</u>
	352,757	260,287	190,183	205,535	214,600
<b>CURRENT LIABILITIES</b>					
Creditors	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
	-	-	-	-	-
Net	<u><u>352,757</u></u>	<u><u>260,287</u></u>	<u><u>190,183</u></u>	<u><u>205,535</u></u>	<u><u>214,600</u></u>
<b>GENERAL FUND</b>					
Balance brought forward	260,287	190,183	205,535	214,600	189,114
Surplus (Deficit) for the period	<u>92,470</u>	<u>70,104</u>	<u>- 15,352</u>	<u>- 9,065</u>	<u>25,519</u>
Net	<u><u>352,757</u></u>	<u><u>260,287</u></u>	<u><u>190,183</u></u>	<u><u>205,535</u></u>	<u><u>214,633</u></u>
Delta check	-	-	0.25	-	0.30

THE HAPPOLD FOUNDATION  
 INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDING  
 30 April 2023

	<u>2023</u>	<u>2022</u>	<u>2021</u>	<u>2020</u>	<u>2019</u>
INCOME					
Donations received	300,150	241,002	182,004	249,280	240,000
Bank Interest	168	4	10	251	203
	<u>300,318</u>	<u>241,006</u>	<u>182,014</u>	<u>249,531</u>	<u>240,203</u>
EXPENDITURE					
Covenanted payments	-	-	-	-	-
Donations and scholarships	202,128	164,626	170,528	224,917	166,539
Legal and Professional	4,955	4,200	5,805	1,150	4,505
Student sponsorship	-	-	20,400	24,700	42,000
Sundries & Administrative Expenses	764	2,076	634	7,830	1,639
	<u>207,848</u>	<u>170,902</u>	<u>197,367</u>	<u>258,597</u>	<u>214,684</u>
<b>Net Surplus (Deficit) for year</b>	92,470	70,104	- 15,352	- 9,065	25,519

External Scrutiny Report to the Trustees of the Happold Foundation

Accounts for the Period to 30th April 2023

I have reviewed the Financial Statements for the Happold Foundation for the year ending 30th April 2023 using the records and information provided to me by the trustees.

I have inspected the bank statements to check both the transactions made during the year and balances held at the end of the year. I have found no evidence of any misstatement or incorrectly recorded transactions in the underlying records.

I am not a trustee of the foundation.

Katie Robinson ACA

14 November 2023

**THE HAPPOLD FOUNDATION**

England & Wales - Charity number 1050814

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# Accounts

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# Our impact in 2021-2022



Human Development



Futures



Education



Thinking

## External Scrutiny Report to the Trustees of the Happold Foundation

Accounts for the Period to 30th April 2022

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I am not a trustee of the foundation.

Katie Robinson ACA  
18<sup>th</sup> November 2022

THE HAPPOLD FOUNDATION  
BALANCE SHEET FOR THE YEAR ENDING  
30 April 2022

	<u>2022</u>	<u>2021</u>	<u>2020</u>	<u>2019</u>
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<b>CURRENT LIABILITIES</b>				
Creditors	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
	-	-	-	-
<b>Net</b>	<u><u>260,287</u></u>	<u><u>190,183</u></u>	<u><u>205,535</u></u>	<u><u>214,600</u></u>
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Delta check	-	0.25	-	0.30

THE HAPPOLD FOUNDATION  
 INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDING  
 30 April 2022

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<b>Net Surplus (Deficit) for year</b>	70,104	- 15,352	- 9,065	25,519

## Our Focus Areas

The Happold Foundation is dedicated to making a positive impact on people's lives through engineering and design of the built and natural environment. We plan initiatives, allocate resources, and contribute knowledge across four focus areas. Combating inequality and exclusion, and climate action, are at the centre of all our activities.



### Human Development

Supporting our partner organisations who work with communities in under-developed areas on high quality engineering projects that improve health and wellbeing. They also provide training programmes to provide men and women with the skills to adopt new technology, earn a living, and maintain the running of the infrastructure.



### Futures

Our Futures focus introduces pupils aged 6-18 to Engineering, Maths, Science and Technology. We engage with partner organisations who work with teachers and schools to run exciting, hands-on education programmes that teach children about sustainable design in the natural and built environment.



### Education

Our Education work supports undergraduate students who want to pursue a career in engineering and design, through funding scholarships and awards. We also celebrate academic teaching excellence through our awards programme.



### Thinking

Our Thinking offer brings together people from all over our industry to discuss, debate and share knowledge on issues society is facing, the impact it is having on our cities and infrastructure, and how engineers will respond to these issues, with particular focus on climate change, health, and sustainable development. We facilitate events, workshops and lectures.

## Welcome to our 2021 - 2022 Impact Report.

*Over the next few pages, we'll highlight some of the important work that our partners have undertaken during 2021 and 2022. These include projects carried out in Africa and Nepal by Renewable World, school projects by Matt + Fiona in London, the mentorship program by ACE in the USA and our City Conversation events, which have continued to reach a global audience. Working alongside the Women's Engineering Society, we were able to host The Happold Lecture, our first in person event for two years.*

*During 2021 we undertook a review of our activities and how they fit with our rapidly changing world. Following a series of interviews with key people from across the globe, we formulated a plan for how we can future proof our offering, ensuring our support is reaching the right organisations.*

*The review has seen us restructure our Futures grant giving process and our undergraduate scholarship programme to better support those who will benefit from the funding most.*

*I would like to extend our gratitude to all our trustees and partner organisations for the hard work and dedication they have shown. We are proud to be able to support so many fantastic and valuable projects.*

**Ian Maddocks**

Chair, Happold Foundation

## Looking forward – our 2021 review

During 2021 we carried out a thorough review of our focus areas and the support we offer. We spoke to HF trustees and Buro Happold staff in offices around the world, asking for their feedback on our work and its impact. The review considered some key themes, including the climate crisis, how we target resources, our global reach and inclusion and equity.

### Key Recommendations:

- Focus areas are good, continue working around these themes.
- Our funds should be deliberately and carefully targeted to have maximum impact, based on a clear strategy for what that impact should be.
- Partner with organisations that have the resources and network to reach those who would benefit most from Foundation support.
- Establish locally led foundations
- Embed Climate Action and Equity in everything we do
- Improve communication and staff engagement

In 2022-2023 The Happold Foundation will get to work setting these recommendations into practice.



# HUMAN DEVELOPMENT



## OUR IMPACT:

£60,000 funding

2 Organisational Grants

**Our work in Human Development focuses on helping communities to access invaluable services to help them improve their futures. We provide funding to organisations that carry out initiatives we feel can make a significant positive impact on the communities they work with. Our Organisational Grant scheme provides chosen organisations with £30k per year for three years, allowing them to strategically improve their projects and the support that they can offer.**

2021 saw the third and final year of Organisational Grant support for our current partners, Renewable World and Build it International.

## Renewable World

Renewable World provide energy, water and clean cooking solutions to remote communities in Nepal and Kenya. Their projects involve installing renewable technology for utilities and a training programme to educate households in how to use and maintain the systems. The organisation has been working tirelessly to keep their projects on track, despite the challenging conditions created by the pandemic.

2021 saw the organisation complete projects in Kenya and set up five new projects in Nepal, as well as strengthening governance and organisational policies and procedures.



Solar Energy for Community Resilience (SECuRe)  
Renewable World, Nepal\*

Current projects in Nepal include work to treat and reduce respiratory disease caused by using dirty fuel for cooking, creating access to a range of clean energy solutions, improving food security and providing opportunities for sustainable incomes.

In Kenya, work to increase access to clean, renewable energy to the shores of Lake Victoria. The work focuses on the installation of solar microgrids, which bring community-owned and managed renewable energy and opportunities to enhance and diversify livelihoods. The team has also installed three solar microgrids in two communities, which have allowed energy to be provided to facilities such as a pharmacy and a school.

## Build It International

Build It International run vocational training for young people in Zambia. Their training centre teaches practical skills in the construction industry, offering young people with lifelong career opportunities to support themselves and their families, as well as building new clinics and schools.

2021 was a difficult year for many people in Zambia. The country experienced its most severe wave of Covid-19 so far, with both the Delta and Omicron variants sadly affecting many lives. Yet despite these challenges, they still achieved so much, including:

- Delivered 10 training courses across two vocational training pathways
- Trained a total of 234 Zambian youth in construction skills, with 94% completing the course
- Successfully delivered a new floor and wall tiling pilot course
- Completed construction of the organisation's new Zambia Office at the Centre for Excellence
- Launched a new 'Women Empowered into Work Strategy & Programme'.

## Looking Forward: Launch of Organisational Grant Series Two

In January 2022, a review panel was formed and the selection process for 2022-2024 was launched. We are very excited that we could expand the core grant giving to three organisations. We received an amazing response, making it very difficult to choose but a short list of six were selected and invited to an interview. After much deliberation, three organisations were chosen for the second organisational grant series. They are [Build It International](#), [Renewable World](#) and [Reall](#). We look forward to working with our partner organisations over the next three years.



Students studying at Build It's Centre for Excellence, Zambia



# FUTURES



## OUR IMPACT:

**£56,000**  
grant funding

Worked with **6**  
partner  
organisations

Worked in **2**  
countries

Opening up opportunities for young people to discover their future in engineering is a key focus of our work at the Happold Foundation. We believe that by supporting young people from age 5 to 18, we can help to introduce the possibility of a career in the built environment for children from diverse backgrounds. We work to carefully select organisations who run projects that are socially inclusive and bring a wider benefit to their communities.

### Our UK partners

- Matt + Fiona
- City of Play
- Arkwright
- Enabling Enterprise

### North America partners

- ACE Mentorship program, NYC and LA
- The Intern Project, in partnership with the LA Promise fund, LA
- Paul Revere Williams Day event in LA

As well as these programs, we are looking to support several other education projects in North America in 2022/2023.

### ACE Mentorship Program

The ACE Mentorship Program is an after-school program for High School students interested in careers in architecture, engineering and construction. The scheme supports up to 30 students per year in New York and Los Angeles,



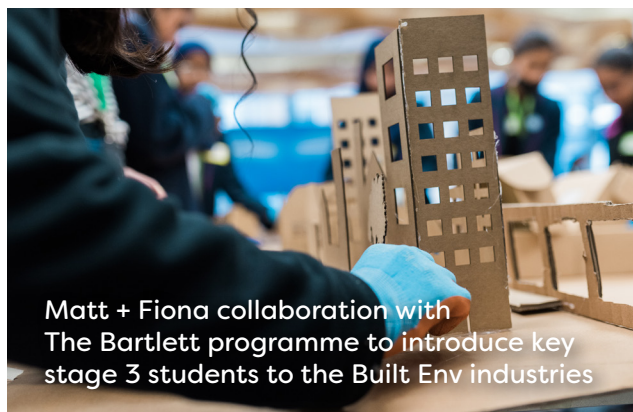
USA, with up to 10 mentors from the design and construction industry working to guide them through the fundamentals of the build environment industry. During their time undertaking the program, students also developed a design project to present to family and peers.

The Happold Foundation provided two \$2000 scholarships for graduating senior students to join the mentorship program. In addition, members of the Happold Foundation and Buro Happold team offered their time as mentors and assisted in a mock interview day.

## Matt + Fiona

The Happold Foundation have been working with Matt + Fiona since 2019. The organisation works with young people in schools to design their own spaces, from conception through to completion.

Their projects have continued to grow and flourish since they have been able to restart following the pandemic. Projects have included workshops for children, educational build products, CPD and training for teachers and running accreditation course for architecture students and architects.



Matt + Fiona collaboration with The Bartlett programme to introduce key stage 3 students to the Built Env industries

## Looking Forward to 2022: Launch of Futures Organisational Grant

The Happold Foundation has supported many initiatives over the years that are doing great work in schools and after school events, igniting a passion in students to the natural and built environment.

We are aware of how difficult it is for non-profit organisations to continue their good work in times of financial downturn, and the exceptional circumstances of the last two years highlighted this more than ever. We felt it was important to change our funding model so that the charities we sponsor have that security and support.

We have therefore introduced a new Futures Organisational Grant scheme for 2022. The grant provides £30,000 per year for a three-year period to an organisation that works in areas of education (Year 1-13) and the built environment. We are particularly keen to support organisations which approach these areas in ways which put combating inequality and exclusion, as well as climate action, at the centre of their work. Funding is unrestricted and may be spent on anything the not-for-profit organisation deems appropriate and effective. An announcement of this year's 2022 grant partnerships will be made later in the summer, with the first year grant starts in August 2022.



# EDUCATION



## OUR IMPACT:

**£28,500**  
funding

**7**  
Scholarships

**1**  
Ted Happold prize

**Enabling the students studying to become the next generation of engineers is a key focus of our work at the Happold Foundation. We work to provide undergraduate students completing a degree in the design in the built environment sector with both financial support while they're studying and opportunities to gain real life work experience.**

### Our partners and projects

- **RAEng/Happold Scholarship**
- **Post Graduate support: MSc in Engineering and Education, with a thesis which will focus on Apprenticeships in the UK Consulting Engineering sector**
- **University of Bath Happold Prize**
- **Happold Brilliant Prize**

### University of Bath Ted Happold Prize

The Ted Happold Prize celebrates the rich talent and innovative building design thinking that is being produced by the fourth year design students at the Department of Architecture and Civil Engineering at the University of Bath.

In this year's brief, titled 'Diasporas', students responded to one of society's most difficult challenges - the dispersion of people from their homeland. Their project was to design a Migration Museum to be housed on a site opposite London's Kings Cross Station. The teams were tasked with designing a building that could contain a series of exhibition spaces that embodied the museum's values.

28 groups of between six and seven students from both architecture and engineering courses entered

their designs. Third prize was awarded to Group 12 for their project named Artefact and second prize was awarded to Group 2, for their project Eclectic. The winning design was from Group 14: Lingua, who's theme was focussed on how language barriers can impact on jobs, social mobility and education. Their exhibition looks at the various forms language can take, such as film, art and music.

### Reviewing our Scholarship programme

In previous years, we ran our own scholarship programme, which provided students funding towards their education and a paid work experience placement at Buro Happold Engineering. Over the last five years, 50% of our scholars have been women, working towards our aim to enhance diversity in the engineering sector.

As part of the review of our services in 2021, we decided that we wanted to further raise diversity, we needed to rethink our scholarship offering. This led us to forming a partnership with the Royal Academy of Engineers to launch a new and exciting programme starting in 2022.

### RAEng scholarship programme

The Royal Academy of Engineers, Engineering Leaders Scholarships (ELS) programme provides support for UK undergraduates who show the potential to become leaders and innovators in engineering and the ability to act as role models for future engineers. The Happold Foundation are sponsoring six scholars as part of the RAEng ELS programme.



CO<sub>2</sub>  
NEUTRAL

THINKING



## OUR IMPACT:

**£20,000**  
funding

**6** City  
Conversation  
events held

→ Hosted the  
Happold Lecture

At the Foundation we work to encourage education, discussion and debate, bringing together professionals in our industry to find solutions to some of the most challenging issues that impact our world. We work alongside other experts in the sector to share knowledge and experience, to promote how engineers can change the path of the built environment for the benefit of all.

### City Conversations

During the pandemic our City Conversation programme moved online, ensuring we were still able to bring these important events to our community. We continued this throughout 2021, delivering six live debates to an average of 100 people per event.

Our panels featured industry experts from across the globe, something which was not possible when they were in person events in London and covered a wide range of key issues and topics.

### Our City Conversations in 2021

We hosted the following City Conversations from May 2021 - May 2022. You can watch the videos of the conversations on the [Happold Foundation website](https://www.happoldfoundation.org).

- **City Conversations: Designing with Empathy**
- **City Conversations: Invisible Citizens**
- **City Conversations: Positive Emergent Disruption**
- **City Conversations: What is Regenerative Design?**
- **City Conversations: Domestic Retrofit**
- **City Conversations: Urban Green Spaces Revisited**

### Happold and Women's Engineering Society Lecture 2021

In September 2021 we were delighted to be able to co-host our first in-person event in two years. Alongside the Women's Engineering Society (WES), we hosted *Future Vision: What should engineering look like in a world that is on fire?*

The free to attend lecture featured an all-female panel of experts discussed a future vision for engineering against the backdrop of growing awareness of inequality and exclusion and growing threats from climate change. The conversation and debate covered a diverse range of topics, from how the sector needs to adapt in the future, engineering's place in society and to how to introduce engineering more effectively to the next generation. As well as providing an opportunity to join the event in person, we also enabled audience members to join remotely.

### Looking Forward:

In 2022 we will continue our next series of City Conversations on line with Ngenuity.

We are also thrilled to announce that the 2022 Happold Lecture will be hosted in North America. More details about the theme and location of the event will be featured on our website.

## OUR HISTORY

Since our charity was founded over 25 years ago, we have worked to encourage and promote those working in the built environment to help shape the future of engineering. We understand how engineering can make a difference, so we talk about the key issues that affect us, support tomorrow's engineers, provide engineering services and career training to communities most in need and encourage thought leadership throughout our community.

## OUR TRUSTEES AND EXECUTIVES

Our Trustees provide essential support, knowledge and guidance to enable us to run our initiatives and continue to develop new programmes. Their hard work and commitment allows us to continue furthering the impact that engineering has on our world.

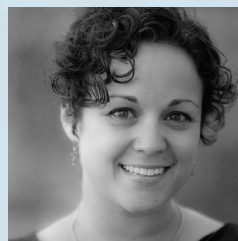
The executive team are the guardians of the Happold Foundation, working hard to ensure it is healthy, resilient and sustainable so that it continues to do great work far into the future.



Ian Liddell CBE



Robert Okpala



Sarah Sachs



Dr. Priti Parikh,  
FICE, CEng, FRSA



Tom Newby



Matthew Happold



Fergus Anderson



Celia Way



Ian Stewart



Ian Maddocks,  
Chairman



Lorraine Milne,  
Secretary



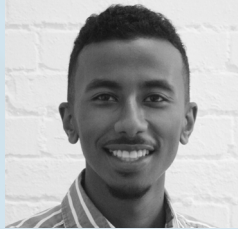
Jonathan Fox,  
Treasurer

## OUR AMBASSADORS

Our Ambassadors provide invaluable support representing the Happold Foundation and the projects we sponsor by volunteering their time to help arrange events, Chair Conversations and develop relationships with partner organisations.



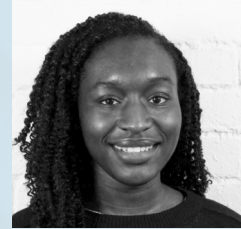
Lucy Sutcliffe



Mohamed Gaafar



Kitty Walker



Shinade Wilson



Lukas Rutkauskas



Reka Berkes

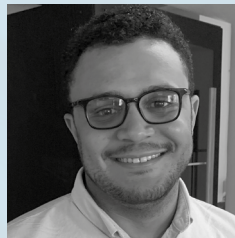
## OUR AMERICAN AMBASSADORS



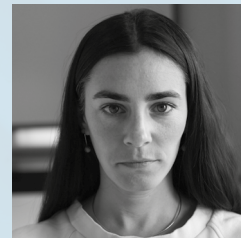
Hannah Valentine,  
New York



John Sloane,  
New York



Trevor Reynolds,  
New York



Jaclyn Hersh,  
San Francisco



Rachel  
Deradoorian,  
Chicago



Chris Cilly,  
Washington



Kathleen Hetrick,  
Los Angeles

# The Happold Foundation

The Happold Foundation is a charity dedicated to using engineering skills and experience to make a positive impact on people's lives.

We work with young people, educators and researchers to shape a community who want to improve the built environment.



Produced by Lightbox Creative - September 2022

## Contact us

### The Happold Foundation

17 Newman Street  
London  
W1T 1PD, UK

[www.happoldfoundation.org](http://www.happoldfoundation.org)

For all enquiries please contact: [Info@happoldfoundation.org](mailto:Info@happoldfoundation.org)

**THE HAPPOLD FOUNDATION**

England & Wales - Charity number 1050814

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# Accounts

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The Happold Foundation

Our impact  
in 2020-2021



Human  
Development



Futures



Education



Thinking



## External Scrutiny Report to the Trustees of the Happold Foundation

Accounts for the Period to 30th April 2021

I have reviewed the Financial Statements for the Happold Foundation for the year ending 30th April 2021 using the records and information provided to me by the trustees.

I have inspected the bank statements to check both the transactions made during the year and balances held at the end of the year. I have found no evidence of any misstatement or incorrectly recorded transactions in the underlying records.

I am not a trustee of the foundation.

Katie Robinson ACA  
18<sup>th</sup> November 2021

THE HAPPOLD FOUNDATION  
BALANCE SHEET FOR THE YEAR ENDING  
30 April 2021

	<u>2021</u>	<u>2020</u>	<u>2019</u>
<b>CURRENT ASSETS</b>			
Bank and building society accounts	190,183	205,535	214,600
	<u>190,183</u>	<u>205,535</u>	<u>214,600</u>
<b>CURRENT LIABILITIES</b>			
Creditors	-	-	-
	<u>-</u>	<u>-</u>	<u>-</u>
<b>Net</b>	<u>190,183</u>	<u>205,535</u>	<u>214,600</u>
<b>GENERAL FUND</b>			
Balance brought forward	205,535	214,600	189,114
Surplus (Deficit) for the period	- 15,352	- 9,065	25,519
<b>Net</b>	<u>190,183</u>	<u>205,535</u>	<u>214,633</u>
Delta check	0.25	-	0.30

THE HAPPOLD FOUNDATION  
 INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDING  
 30 April 2021

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	<u>2021</u>	<u>2020</u>	<u>2019</u>
<b>INCOME</b>			
Donations received	182,004	249,280	240,000
Bank Interest	10	251	203
	<u>182,014</u>	<u>249,531</u>	<u>240,203</u>
<b>EXPENDITURE</b>			
Covenanted payments	-	-	-
Donations and scholarships	170,528	224,917	166,539
Legal and Professional	5,805	1,150	4,505
Student sponsorship	20,400	24,700	42,000
Sundries & Administrative Expenses	634	7,830	1,639
	<u>197,367</u>	<u>258,597</u>	<u>214,684</u>
<b>Net Surplus (Deficit) for year</b>	- 15,352	- 9,065	25,519

Note for accounts:

The Happold Foundation receives the bulk of its income from Buro Happold Limited. For the last few years the accounts have reflected the total donations that BHL has indicated it will pay to the Happold Foundation which has given us 'donations due' and 'donations in relation to the prior year' on our accounts.

We are moving away from this approach and consequently have restated the last 3 years of accounts to reflect only the monies received. This gives a clearer picture of our actual position – the funds will be recognised when received.

Jonathan Fox

Happold Foundation Treasurer

27.10.2021

### Our Focus Areas

The Happold Foundation is a charity dedicated to supporting the application of engineering skills and experience to make a positive impact on people’s lives. We work with partners, students, educators, engineers and researchers to shape a community that wants to improve the performance of the built environment. We plan initiatives, allocate resources and contribute knowledge across four focus areas:



#### Human Development

Our work in Human Development seeks to connect communities in under-developed areas with skilled engineers to work on high quality engineering projects that improve health and wellbeing. We also support education and training programmes for people living in remote areas.



#### Futures

Our Futures focus introduces pupils age 6-18 to Engineering, Maths, Science and Technology. We engage with partner organisations and alumni to work with teachers and schools to run exciting, hands on education programmes that teach children about design in the natural and built environment.



#### Education

Our Education work supports undergraduate students who want to pursue a career in engineering through funding scholarships and arranging work experience opportunities. We also celebrate academic teaching excellence through our awards programme.



#### Thinking

Our Thinking offer brings together people from all over our industry to discuss, debate and share knowledge on issues society is facing, the impact it is having on our cities and infrastructure, and how engineers will respond to these issues, with particular focus on climate change, health, and sustainable development. We support research, provide travel scholarships and facilitate events, workshops and lectures.



#### Welcome to our 2021 Impact Report.

*We’re bringing this report to you after the most unusual and challenging twelve months that both the Happold Foundation and our partner organisations have ever faced. The ongoing COVID-19 pandemic has had farreaching consequences across the globe and has presented many difficulties within the work we do and also within the wider engineering community. I continue to be very impressed by the resilience the organisations we work with have shown in continuing their invaluable work, demonstrating real innovation and diversity in the way they have adjusted to the ever-changing situation.*

*At the Happold Foundation we are dedicated to ensuring that we provide funding to initiatives that provide the most impact. We carefully consider the organisations we partner with, looking for those who work with communities, students and young engineers from diverse backgrounds.*

*To highlight just a few of the projects we’ve been able to fund, our Thinking focus area has seen the City Conversations move online to reach an international audience. As part of our Human Development focus area, we’ve continued to support our Organisational Grant recipients Renewable World and Build It International. Our Futures focus area has welcomed two new initiatives, the LA Promise Intern Program and Teach the Future Scotland, further expanding our support to school age children. We gave the 2020 HF Student Scholars a scholarship bursary to help with university costs, and awarded our first Ted Happold Prize to a group of final year students at Bath University Architecture and Civil Engineering.*

*I hope that the next few pages will give a real insight into how our partners have still continued to do such fantastic work in the face of such adversity, and how our funding has helped them adapt and continue to enable communities and projects to access the support they need.*

*Thank you to all of our trustees, the partners at Buro Happold, the alumni, partner organisations and wider community for your hard work and commitment. Without you, we wouldn’t be able to help all of the wonderful initiatives we’ve had the privilege of being involved with.*

**Ian Maddocks**  
Happold Foundation Chair





The Happold Foundation

“ In 2020 the Happold Foundation’s generous grant enabled us to start two new innovative initiatives in response to the challenges of Covid 19...so thank you for helping us to make a real and lasting difference to so many young people in Zambia. ”

Andrew Jowett, Build It International

OUR IMPACT:

£60,000 funding

2 Organisational Grants

Our work in Human Development focuses on helping communities to access invaluable services to help them improve their futures. We provide funding to organisations that carry out initiatives we feel can make a significant positive impact on the communities they work with. Our Organisational Grant scheme provides chosen organisations with £30k per year for three years, allowing them to strategically improve their projects and the support they’re able to offer.

We are currently in our second year of funding to Build It International and Renewable World as part of our Organisational Grant initiative. Both charities were selected because of their approach to helping to find solutions for not only technical problems, but also social-economical challenges.

Build It International

Build It International run vocational training for young people in Zambia. Their training centre teaches practical skills in the construction industry, offering young people with lifelong career opportunities to support themselves and their families, as well as building new clinics and schools.

During the pandemic, Build It International had to think creatively to enable them to still bring education to their students. Adaptations to their courses included providing tablets to students to allow them to access distance learning, enabling new video lessons to be uploaded each week.

During 2020, Build It trained 190 young men and women across nine courses, which exceeded their goal of 180 during the pandemic.

2020 also saw the launch of the Safe Hands Appeal. The appeal involves installing permanent hand wash stations and providing vital PPE supplies at schools across Zambia, helping to improve hygiene and benefitting over 20,000 children.

Renewable World

Renewable World provide energy, water and clean cooking solutions to remote communities in Nepal and Kenya. Their projects install renewable technology for utilities and a training programme to educate households in how to use and maintain the systems. Their projects provide new employment, income and education opportunities as well as new utilities; helping to overcome poverty.

During 2020 and 2021, Renewable World launched a number of new projects to continue providing utilities to off-grid communities. In addition, they adapted existing projects to ensure communities have access to basic requirements for the prevention of coronavirus, including hand washing stations and distributing hand sanitizer and face masks. The charity aims to support those who have been affected by the pandemic for the long term, in particular helping those who need employment opportunities.

The charity’s current goal of reaching 100,000 people through provision of renewable energy services is on track and is forecast to be exceeded by over 4,000 by the end of 2022.



A solar microgrid installed by Renewable World



The Happold Foundation

## OUR IMPACT:

£77,000

grant funding

8 partner organisations

Several

online learning activities funded

Opening up opportunities for young people to discover their future in engineering is a key focus of our work at the Happold Foundation. We believe that by supporting young people from primary school up to A Level, we can help to open up the possibility of a career in the built environment for children from a number of diverse backgrounds. We work to carefully select organisations who run projects that are socially inclusive and bring a wider benefit to their communities.

The last 12 months have seen us establish partnerships with two new organisations, the LA Promise Fund in Los Angeles and Teach the Future Scotland, as well as continuing to support our existing partners.

### LA Promise Fund

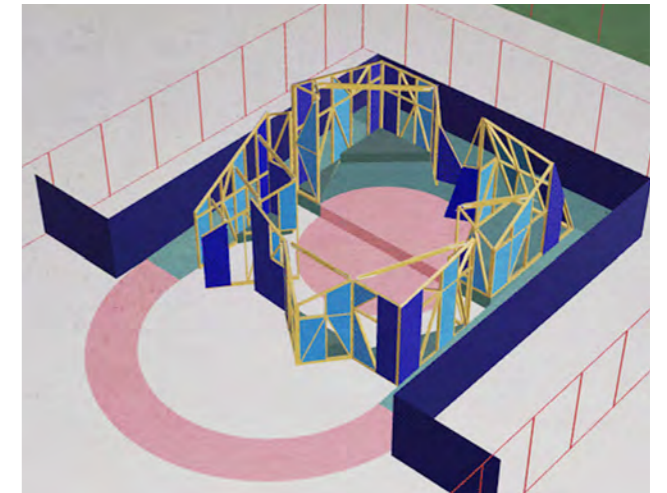
The LA Promise Fund works with schools in the Los Angeles area to run impactful learning opportunities across the region. We support the organisation with The Intern Project (TIP), an initiative that provides high school students with work placement opportunities. TIP also offers businesses to invest in the development of future talent and generating social impact.

### Teach the Future Scotland

Teach the Future Scotland is a student run campaign encouraging the Scottish Government to implement policy to include climate and environmental education into the Scottish curriculum. The key elements of the campaign include embedding climate education into schools and teacher education, launching a new Scottish Climate and Biodiversity Emergency Education Act and increasing the importance of sustainability in school inspections.

#### In the last 12 months we have also supported:

- [City of Play](#)
- [Design: Engineer: Construct](#)
- [Matt + Fiona](#)
- [ACE Mentor Program](#)
- [Skills Builder Partnership](#)



A virtual model of a design created by school children as part of a Matt + Fiona programme

“ We are so proud to have had the opportunity to work with this inspirational group of children on the Lets Build! project. These projects cannot happen without the generous support of their funders. ”

Fiona MacDonald, Matt + Fiona

To hear more about Matt + Fiona's journey with the Happold Foundation, [watch their video about their work](#).

## OUR IMPACT

# £32,400

funding



→ RAE GEEP Programme



17 scholarships



→ Funded the Bath University Ted Happold Prize

Enabling the students studying to become the next generation of engineers is a key focus of our work at the Happold Foundation. We work to provide undergraduate students completing a degree in the design in the built environment sector with both financial support while they're studying and opportunities to gain real life work experience.

### University of Bath Ted Happold Prize

Following a restructure of their final year undergraduate project, University of Bath's Department of Architecture & Engineering asked the Foundation to sponsor a new prize to fit with the new format. 28 multi-disciplinary groups from the Architecture and Design school were briefed to create a design for the United Nation's 'Library for the World' on a site adjacent to the organisation's



The Happold Foundation

Headquarters in New York. The awards were held online by a judging panel in January 2021. The Happold Foundation sponsored the prize money, a 3D model, and a small gift to each group to cover costs for materials.

### Student Scholarship 2020

Our student scholarship programme looked a little different in 2020 due to the pandemic, however the Foundation was still committed to providing support to our scholars. Our scholars were selected in February 2020. While unfortunately we had to postpone their placements due to the restrictions in place over the summer, we were able to provide them with £1200 bursary to help encourage and support them during a particularly challenging time of their studies.

### The Royal Academy of Engineers (RAE) GEEP programme

We have been supporting RAE to deliver their award-winning GEEP programme, an initiative that is designed to remove the socio-economic barriers blocking students' progress into a career in engineering. Our sponsorship helps the RAE offer their range of events, work experience placements, one to one mentoring and networking opportunities that improve employability. During 2020-21, the RAE put together a series of online resources to offer continuing support to students.



“ The winning design is a remarkably colourful and playful, yet deeply meaningful, architectural design developed by a team that adopted an inclusive and liberal approach to their design solutions. ”

Judge's comment on winning Ted Happold prize design

[www.happoldfoundation.org/education/](http://www.happoldfoundation.org/education/)



THINKING

The Happold Foundation

## OUR IMPACT:

# £20,000

funding

7 Online City Conversations

# 100

Average audience members per event

→ Encouraged further discussion and action amongst colleagues to address issues raised

At the Foundation we work to encourage education, discussion and debate; bringing together professionals in our industry to find solutions to some of the most challenging issues that impact our world. We work alongside other experts in the sector to share knowledge and experience, to promote how engineers can change the path of the built environment for the benefit of all.

### City Conversations

2020 into 2021 saw a number of key events across the world cancelled due to COVID 19 restrictions. Keen to still bring debate and thought leadership to those working in our industry, we worked with ingenuity to reimagine our City Conversation series to bring it online. The online Conversations featured panellists from across the globe as well as reaching audiences that would previously have not been able to access the live events in London.

At the time of publication, seven City Conversations had taken place on a diverse range of subjects, with an average of 100 audience members joining us online for each event. We covered topics including the design of low carbon housing, how the way we work has changed and how we can relook at city design to balance gender inequality.

The events have played an integral role in encouraging debate around key issues in the build environment. The events have also enabled engineers to connect after the events to continue the discussion and plan further action.

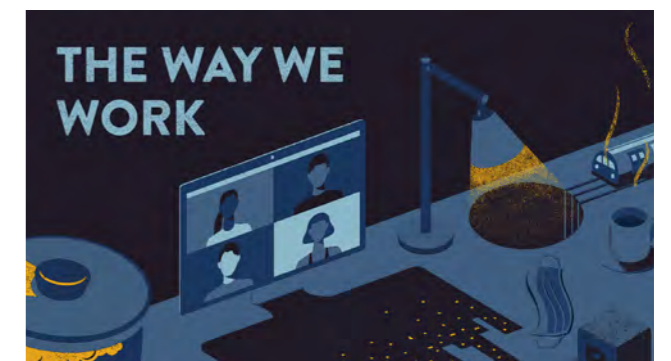
### Our conversation events 2020-21

To watch the videos of any of our online Conversation events, [visit the Happold Foundation website](https://www.happoldfoundation.org/thinking/).

- Changing Behaviour
- Infrastructure and Health
- Low Carbon Housing as a Human Right
- The Way We Work
- Adapt or Move
- Designing to Empower
- Invisible Citizens



Invisible Citizens took place on 20 April 2021



The Way We Work took place on 10<sup>th</sup> November 2020

[www.happoldfoundation.org/thinking/](https://www.happoldfoundation.org/thinking/)

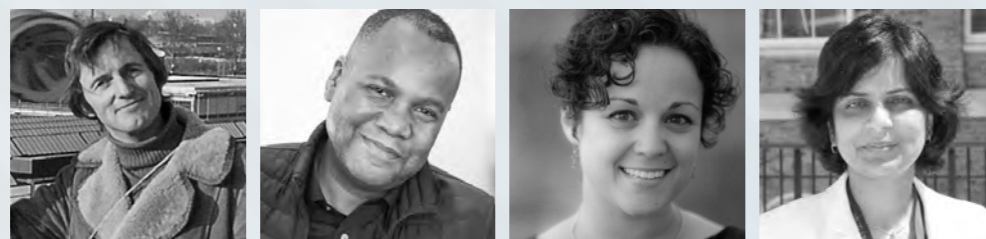
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Ian Liddell CBE   Robert Okpala   Sarah Sachs   Dr. Priti Parikh, FICE, CEng, FRSA



Tom Newby   Matthew Happold   Fergus Anderson   Celia Way



Paul Rogers   Ian Stewart   Ian Maddocks, Chairman

## OUR EXECUTIVES

The executive team are the guardians of the Happold Foundation, working hard to ensure it is healthy, resilient and sustainable so that it continues to do great work far into the future.



Ian Maddocks, Chairman   Lorraine Milne, Secretary   Jonathan Fox, Treasurer

## OUR AMBASSADORS

Our Ambassadors provide invaluable support representing the Happold Foundation and the projects we sponsor by volunteering their time to help arrange events, Chair Conversations and develop relationships with partner organisations.



Lucy Sutcliffe   Mohamed Gaafar   Mairi Dean   Oyin Talabi



Kitty Walker   Shinade Wilson   Lukas Rutkauskas   Reka Berkes

**During early 2021, we carried out a detailed review into our programmes and how we work with our partners. We devised a series of aims and objectives to work towards over the next 12 months. Our aims include:**

- Continuing to work in our four areas of focus – Human Development, Futures, Education and Thinking
- Focusing our funding on activities and individuals who most need financial support to continue the great work they do in influencing and nurturing others in the design of the built and natural environment
- Supporting students who come from low economic and ethnic backgrounds to continue their studies and become our engineer leaders of tomorrow
- Ensuring that climate action is woven into all our activities, with a clear theory of change underlying the way we work
- Considering expanding the Foundation's reach globally
- Raising awareness of the Foundation and its work.

**The Happold Foundation is a charity dedicated to using engineering skills and experience to make a positive impact on people's lives.**

**We work with young people, educators and researchers to shape a community who want to improve the built environment.**

# The Happold Foundation

---



**Human  
Development**



**Futures**



**Education**



**Thinking**

## Contact us

**The Happold Foundation**

17 Newman Street  
London  
W1T 1PD, UK

[www.happoldfoundation.org](http://www.happoldfoundation.org)

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