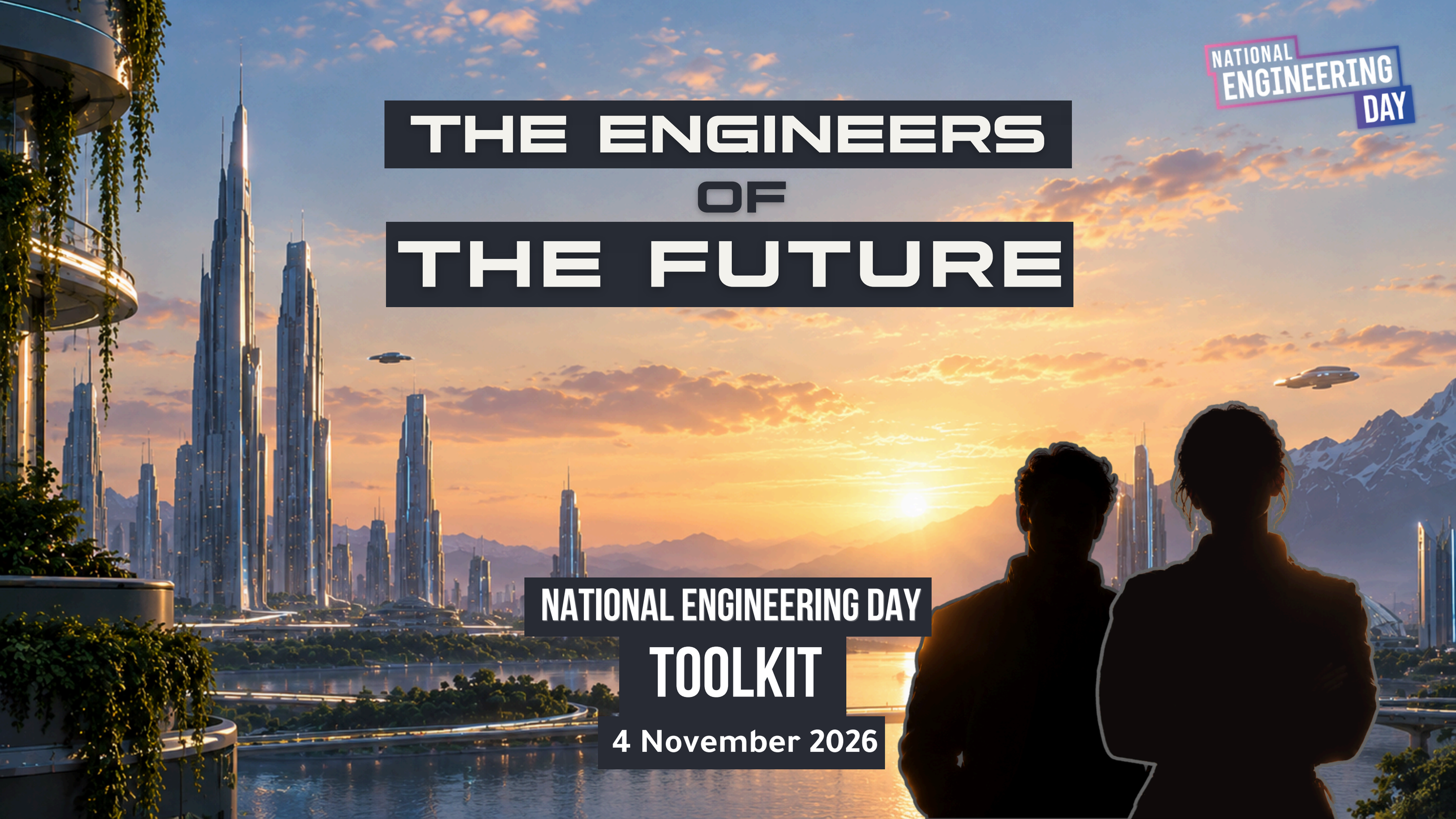


NATIONAL ENGINEERING DAY

# THE ENGINEERS OF THE FUTURE

## NATIONAL ENGINEERING DAY TOOLKIT

4 November 2026

**National Engineering Day** aims to make engineering and the UK's engineers more visible by celebrating how they improve everyday lives and shape the world around us.

It's a day when we invite the public to marvel at engineering and inspire the next generation to pursue engineering careers.

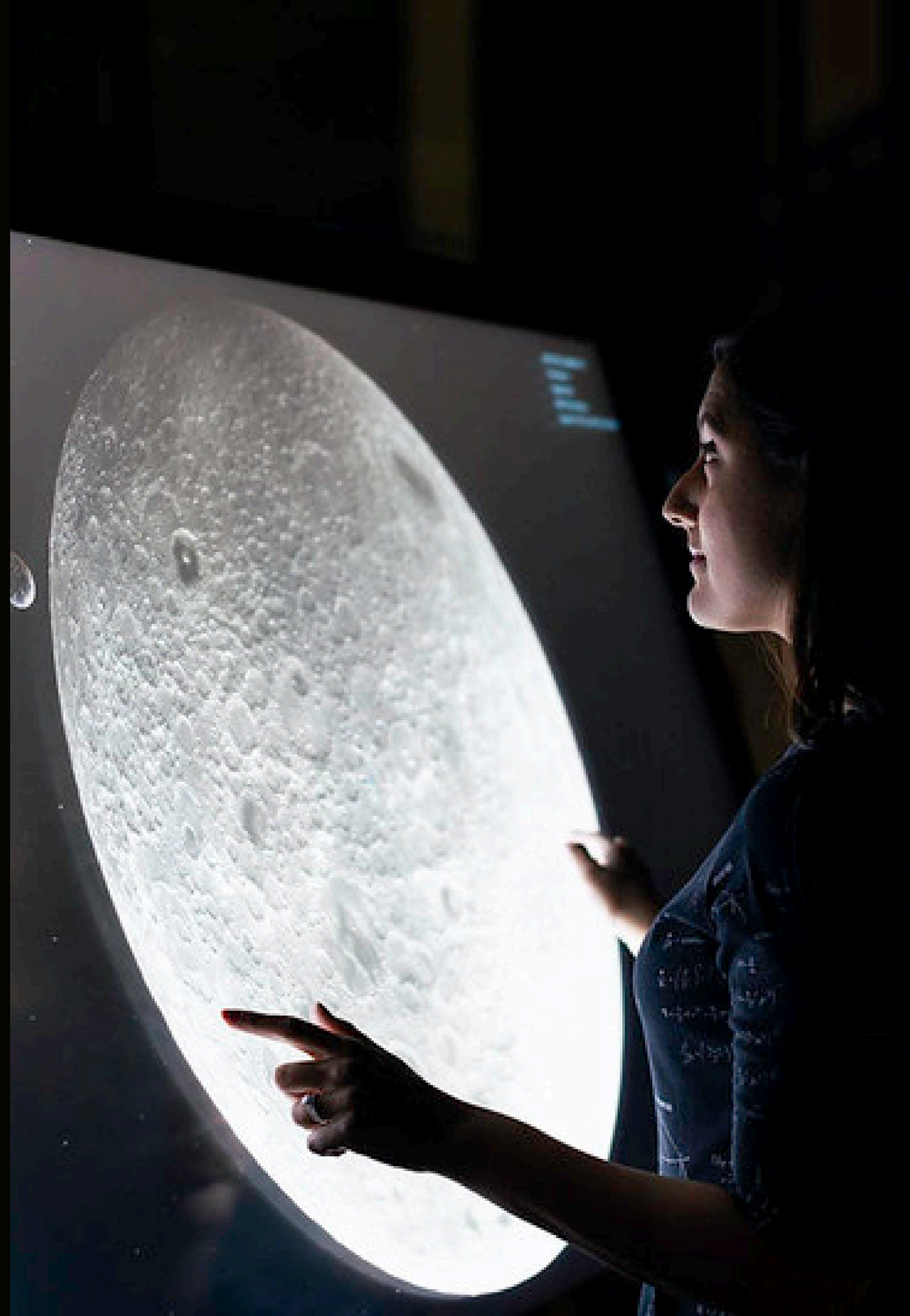
# INTRODUCING
# NATIONAL ENGINEERING DAY 2026

**Now Hiring: The Engineers of 2076** celebrates the Academy's 50th anniversary not by looking back, but by looking fifty years ahead and considerably further up.

What will life look like on Earth, and in space, in 2076? What engineering and engineers will be needed to make that life possible? As well as aerospace specialists, they'll be structural engineers, nuclear engineers, biomedical engineers. They'll be the people who will make sure that life on another planet, as well as on Earth, doesn't just survive, it thrives.

**And we need to be recruiting them now.**

We are launching a formal recruitment campaign for engineering jobs that don't exist yet. We are imagining the engineering careers that will build all aspects of our lives - from the homes we live in and the food we eat, to the games we play, and more - in 2076.



# HOW CAN YOU GET INVOLVED?

Download the job ad template

## 1 Create your own futuristic engineering job ad

- Customise our job advert template to create your own **2076 engineering role** to share on social media, or in print.
- Imagine a role that doesn't exist yet and pair it with a real engineering job that exists today. What new skills might engineers need in 2076, on Earth, or in space? What engineering roles might your organisation be recruiting for in 2076, and what would the job description include?

**On 4 November, National Engineering Day…**

## 2 Share our future recruitment ads on social media

On National Engineering Day, share the 'Now hiring: Engineers of 2076' job ads across your channels - these could be your website, social media, newsletters and screens within your workplace. Find them on our resources page and on our social channels.

## 3 Bring future engineering to life in your networks

Use your platforms, your expertise and your storytelling to help people imagine life on and beyond Earth in 2076.
Create a short film, a social series, an expert Q&A - anything that makes the future feel real and shows how engineers can help build it. Some ideas coming up…

## 4 Donate advertising space

If you have digital screens or advertising spaces, could you run our recruitment ads there on 4 November?
Or use your own bespoke National Engineering Day branded future job ads in any space you have.

## 5 Host a live activation or link an announcement to National Engineering Day

Do you have an event or other activities planned in the first week of November? Whether it's a town hall, team meeting, engineering news announcement, coding club or 'lunch and learn', theme it around National Engineering Day.

# OUR VISION OF LIFE IN 2076

We've worked with a panel of engineering experts to create a vision of what life in 2076 could look like, and the role engineers could play.

You can use these top line findings in your social posts, or as hooks for activity on National Engineering Day.

We have included an example of the experts' visions below. You can read the full vision here detailing everyday life across several different categories to help start building your posts to share on 4 November. Note: please don't share the vision piece ahead of this day.

## Homes & Structures

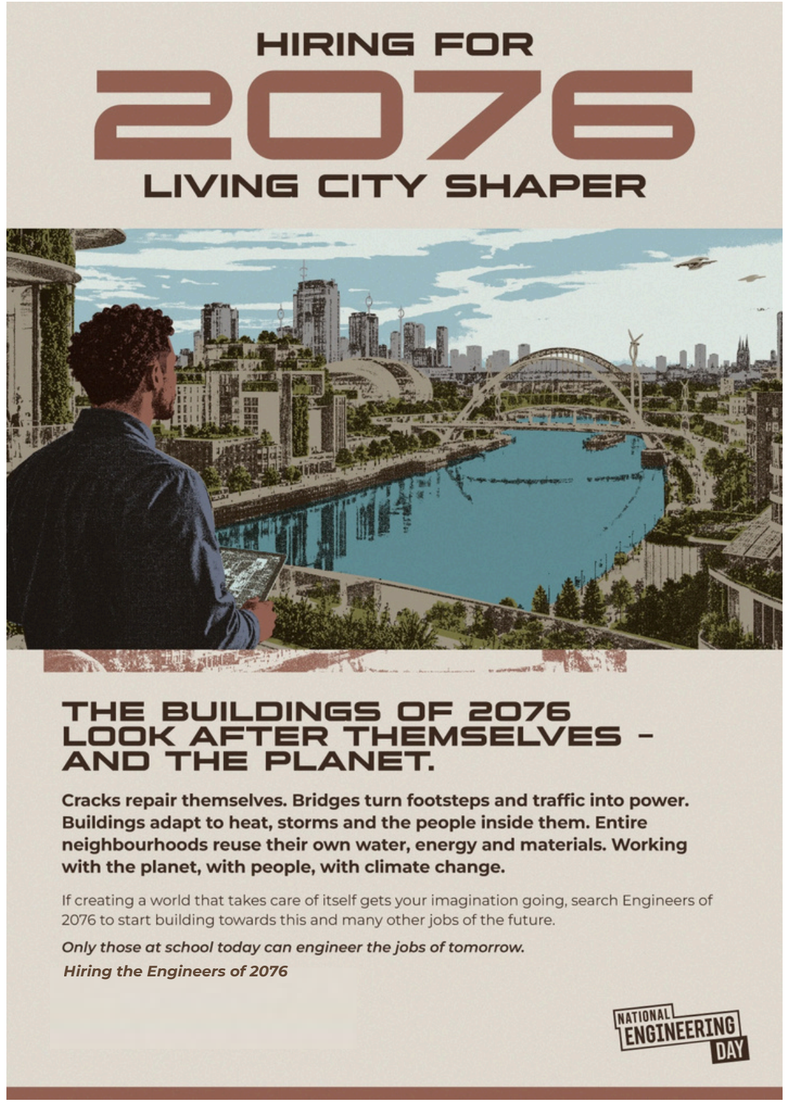
Today, living structures in Space provide only the bare essentials needed for survival. In 2076, there will be innovations that transform them into homes where we can thrive: lights triggering our circadian rhythm, artwork, plant-life, even pets.

Back on Earth, the same thinking could help us create more sustainable, comfortable homes where space is limited, making better use of resources while still prioritising people's wellbeing. We'll need multi-disciplinary engineers, architects who can design for wellbeing, and structural experts who can innovate with unfamiliar materials in harsh conditions.

Flick to the next page to see how this vision was brought to life through the job ads...

# JOB ADS

Here's an exclusive preview of our job ads (2/9). Each one has been shaped by our expert panel's vision of what life could look like in 2076.




Now your turn to make your own.

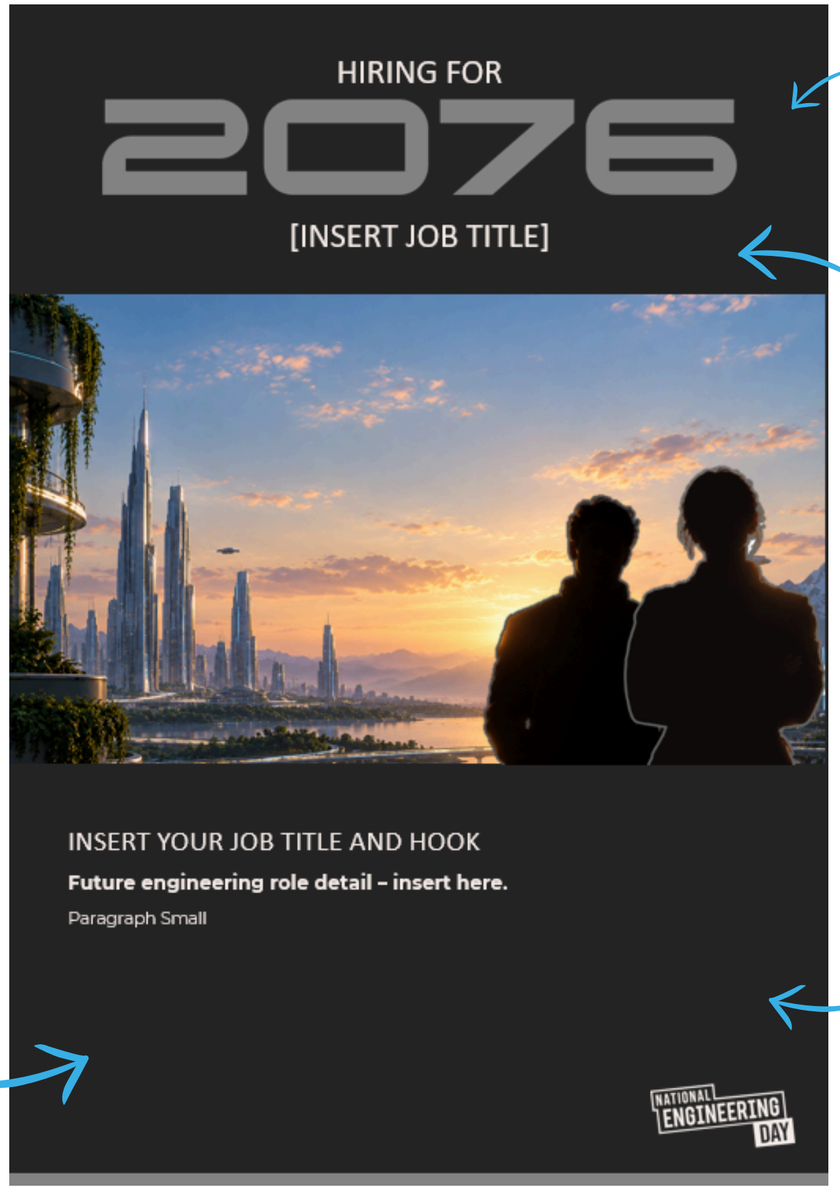
# FUTURE JOB AD TEMPLATE

Customise your own future job advertisement.
Download the job ad template here.

We'd like these job ads to be in a playful tone.
Have fun creating them.

**Replace the image with something futuristic relating to your field.**
Need a cover image? Download one of our free images on our Flickr library here.

**Insert specific skills**
What specific skills or knowledge should candidates have?




**Choose your own date**
(anything up to 2076)

**Insert future job title**
Think of your industry - how might roles evolve for life in 2076?

**Need some inspiration?**
Visit **the AI-Z of engineering** for job role ideas.

**Change background colour to match your brand**

# JOIN THE CONVERSATION - SOCIAL CONTENT IDEAS

On 4 November, help us celebrate what engineers are doing now, and what they could be doing to enable us to live well in 50 years time. Highlight your own inspiring engineers or successful projects and share how they are making a difference to everyday lives.

Attach your bespoke 2076 job ad

**Carousel idea:** 50 years ago/ today / 50 years from now

**Slide 1:** 50 years ago we were engineering [insert information].
Add old photo

**Slide 2**: Today our engineers are working on [insert current project, technology or innovation].
Add current photo/video

**Slide 3:** By 2076, we could be engineering [include information].
Add job ad/future-facing visual or sketch

Happy National Engineering Day!
@ThisisEngineering @RoyalAcademyofEngineering

Or focus on the roles you had 50 years ago, interesting current roles, and potential future roles.

This could work for you if there's a specific goal you'd like to acknowledge to the engineering community

**Carousel idea:** Meet the engineer of 2076

**Slide 1:** We're striving towards [insert industry-specific target, for example, hiring 50% women by XX, net zero / lower green house emissions / more effective manufacturing].
Add statistic

**Slide 2:** Today we're looking for engineers who [insert skills, knowledge and key attributes].
Add picture of current employees

**Slide 3:** This National Engineering Day we're looking forward to 50 years time and thinking about how engineering will have improved the world we live in.

In 50 years time, we hope to be nearer our goal and to do that we will need engineers who can [insert skills/knowledge].
Add job ad/future-facing visual or sketch

**Slide 4**: Extension - The engineers of 2076 are in primary schools classrooms now and we've inspired them by [insert activity].

Happy National Engineering Day! @ThisisEngineering @RoyalAcademyofEngineering

#NATIONALENGINEERINGDAY

# JOIN THE CONVERSATION - SAMPLE SOCIAL POSTS

Do you have a social media superstar internally?
This script might work for you!

**Video: "Ask an engineer"**

"I'm [NAME], an engineer at [COMPANY].
Right now, I'm working on [PROJECT].
It matters because [WHY].
In 50 years, I think engineers could be [FUTURE POSSIBILITY] / my project will have helped [OUTPUT].

And that's what I love about engineering – we're not just solving today's problems. We're helping shape what comes next.

Happy National Engineering Day!"

**LinkedIn idea: 3 things our engineers are working on that could change the future**

This National Engineering Day, we're celebrating how we're engineering the future.

Here are three things our engineers are working on now:

01 - Project + one sentence explanation.
02 - Project + one sentence explanation.
03 - Project + one sentence explanation.

Which could have the biggest impact on how we live in 50 years?
#NationalEngineeringDay

This could work for you if you'd rather not focus on the future, instead you can focus on current projects and successes.

# ASSETS

**Download all supporter assets**

**Download free images** (Flickr library)

Use the links above to access:

- Logos; National Engineering Day and This is Engineering
- Social media cards and GIFS
- Email signature graphic
- Template job ad

More assets will be available in a variation of formats for LinkedIn, X, Facebook and Instagram.

Keep a look out for our **hero video** launching by 9am on Wednesday 4 November across all social media platforms - please share and comment!

**Reminder:** This year's Tomorrow's Engineers Week will take place from 9 to 13 November. The theme has been announced as Shape our Future, it aims to show young people that engineering and technology tackle real-world issues. Find out more: **Tomorrow's Engineers Week - Tomorrow's Engineers**

# GET IN TOUCH

If you have any questions or would like to discuss National Engineering Day in more detail, please contact the This is Engineering team:

**contact@thisisengineering.org.uk**

# ACKNOWLEDGEMENTS

Department for Business, Innovation, Science and Trade

National Engineering Day is funded by Department for Business, Innovation, Science and Trade (BIST).

A special thank you to National Space Centre as a contributing knowledge partner to this year's campaign.

Thank you to organisations and partners who have joined our National Engineering Day celebrations in previous years.

NATIONAL ENGINEERING DAY

# ACKNOWLEDGEMENTS

National Engineering Day is closely affiliated with This is Engineering, which is made possible by the support of our partners.

## THANK YOU TO OUR CORPORATE PARTNERS

**Principal Partner**

amazon

**Major Partner**

bp

**Partner**

Babcock

Royal Air Force

**Technology Partner**

Google Arts & Culture

**Sponsors**

Atlantic productions

MBDA

Mott MacDonald

## THANK YOU TO OUR ACADEMIC PARTNERS

**Major University Partners**

Heriot-Watt University

University of Bath

**Community Partner**

EngineeringUK

**University Partners**

King's College London

Uniersity of Edinburgh

University of Southampton

University of Strathclyde