

INCOSE UK Endorses *Engineers Without Borders UK Reimagined Degree Map*

INCOSE UK is delighted to endorse the *Reimagined Degree Map* by Engineers Without Borders UK, and its mission to transform engineering education for the betterment of society and our planet.

The *Reimagined Degree Map* is a guide developed by Engineers Without Borders UK in collaboration with the Royal Academy of Engineering, which supports engineering departments to navigate the decisions that are urgently required to prepare students for 21st century challenges.

Developed in response to conversations with hundreds of educators, students, professionals, deans, accrediting bodies and professional engineering institutions, the *Reimagined Degree Map* empowers decision-makers with the tools to facilitate real change.

Andrew Pemberton, President of INCOSE UK, commented “*INCOSE UK are honoured to have our endorsement of the work carried out by Engineers Without Borders UK placed on their website along with the other organisations*”.

Emma Crichton, Innovation Director at Engineers Without Borders UK commented “*The Reimagined Degree Map provides crucial guidance for educational providers to ensure engineering degrees remain relevant for graduates of the next decade. We are thrilled to have INCOSE UK’s endorsement, as Systems Engineering plays a vital role within the evolved roles engineers must play in creating a safe and just future for all.*”

The endorsement is shown below and can be viewed along with other endorsements on the Engineers Without Borders UK [website](#).

“INCOSE UK is delighted to endorse the Reimagined Degree Map by Engineers Without Borders, and its mission to transform engineering education for the betterment of society and our planet. This innovative and holistic framework empowers educators to integrate sustainability, ethics, and inclusivity into the core of the engineering curricula and drive meaningful change. The Reimagined Degree Map emphasises Systems Engineering and Systems Thinking as vital to address the complexities and interdependencies inherent in modern engineering challenges. Incorporating Systems Engineering and Systems Thinking into engineering degrees will equip our future engineers with the technical skills, and perspectives needed, to tackle multifaceted problems and create innovative and sustainable solutions.”



The *Reimagined Degree Map* was shaped by Royal Academy of Engineering and Engineers Without Borders UK’s *Systems Change Lab* - a collection of 200+ change makers from over 25 universities and 22 companies who are working to shape engineering degree courses. To learn more about the outputs of the Lab and receive updates about future work, head to the [Engineers Without Borders UK website](#).



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Notes to the editor:

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INCOSE UK

INCOSE UK is a Professional Engineering Institution licensed by the Engineering Council.

INCOSE UK acts as the UK Chapter of the International Council on Systems Engineering (INCOSE), a not-for-profit membership organisation founded to develop and disseminate the interdisciplinary principles and practices that enable the realisation of successful systems.

INCOSE UK holds an annual conference and a set of training events each year; has active regional, working and special interest groups; and publishes a variety of books, guides and other products tailored for UK members. Despite its focus on UK-specific needs, INCOSE UK attracts members from all around the globe. The 'flavour' of Systems Engineering most prevalent in the UK has developed into an open and inclusive practice that facilitates the application of Systems Thinking and Systems Engineering principles in domains outside of the traditional domains of defence and aerospace. In recent years, the membership of INCOSE UK has widened significantly from its roots, expanding to include domains such as: automotive, rail, energy, civil engineering, space, medicine, and security. For more information, please visit www.incoseuk.org.

Engineers Without Borders UK

Engineers Without Borders UK is part of a global movement of over 30 Engineers Without Borders organisations united in our belief in engineering as a catalyst for positive change. We are committed to putting global responsibility at the heart of the profession by tackling the critical challenges facing higher education and industry.

We enable over a million hours of experiential learning each year, inspiring the next generation of engineers to understand their impact on people and the planet. Our flagship [Engineering for People Design Challenge](#) reaches over 13,000 students worldwide annually, introducing them to complex, real-world engineering challenges faced by local communities.



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To ensure the evolution of industry practice today, we work with professionals across the sector to foster globally responsible skills, knowledge and mindsets. Our [Global Responsibility Competency Compass](#) points practitioners to the capabilities needed to stay relevant in an ever-changing world and provides practical resources to support their development.

[Learn more about our work.](#)