



Dear reader,

Technology has always shaped the way we live, work, and connect. But beyond its capabilities to enhance efficiency and productivity, its true power lies in its ability to improve lives, bridge inequalities, and respond to pressing humanitarian challenges. In this edition of InnovatieNU, *Technology with a Human Touch*, we explore the ways in which engineering and innovation are making a tangible impact on society.

From disaster relief to medical rehabilitation, technology is increasingly developed with resilience, accessibility, and inclusivity at its core. Engineers, researchers, and communities worldwide are collaborating to create solutions that address urgent humanitarian needs. Whether through medical devices, advanced manufacturing, or sustainable infrastructure, these innovations are transforming emergency response, healthcare, and resource accessibility.

At the same time, our approach to technology is evolving. Open-source collaboration, ethical considerations, and human-centred design have become integral to developing and implementing new solutions. As these principles guide future innovations, they promise a future where technology is not just about progress, but about people.

Recognising this shift, the University of Twente is actively preparing the next generation of engineers to tackle these challenges head-on. In line with this vision, the University of Twente is launching a new Master's in Humanitarian Engineering in late 2025. This programme will equip future engineers with the skills to design and implement sustainable solutions for global challenges.

It is clear that technology has the potential to shape a more just and resilient world. This serves as encouragement for us all to consider how innovation can be harnessed to make a meaningful difference in shaping a more equitable and resilient world.

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