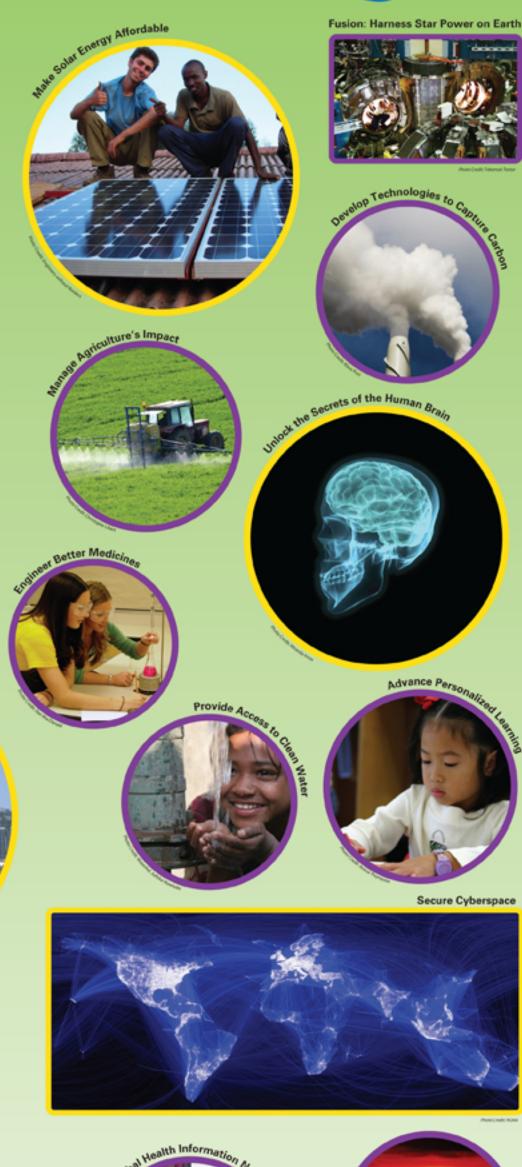
Grand Challenges

The Wheel Was Once an Engineering Marvel

But when ancient engineers perfected it, they moved on to the next problem. There's always another challenge – and always another engineering solution to resolve it.

To help engineers focus on our planet's most pressing engineering and technology issues, the National Academy of Engineering developed The Grand Challenges For Engineering. As today's engineers tackle these 14 initiatives related to health, security, sustainability, and the joy of living, they will improve life on Earth and help people thrive.





estore and improve Urban Infrastructure



