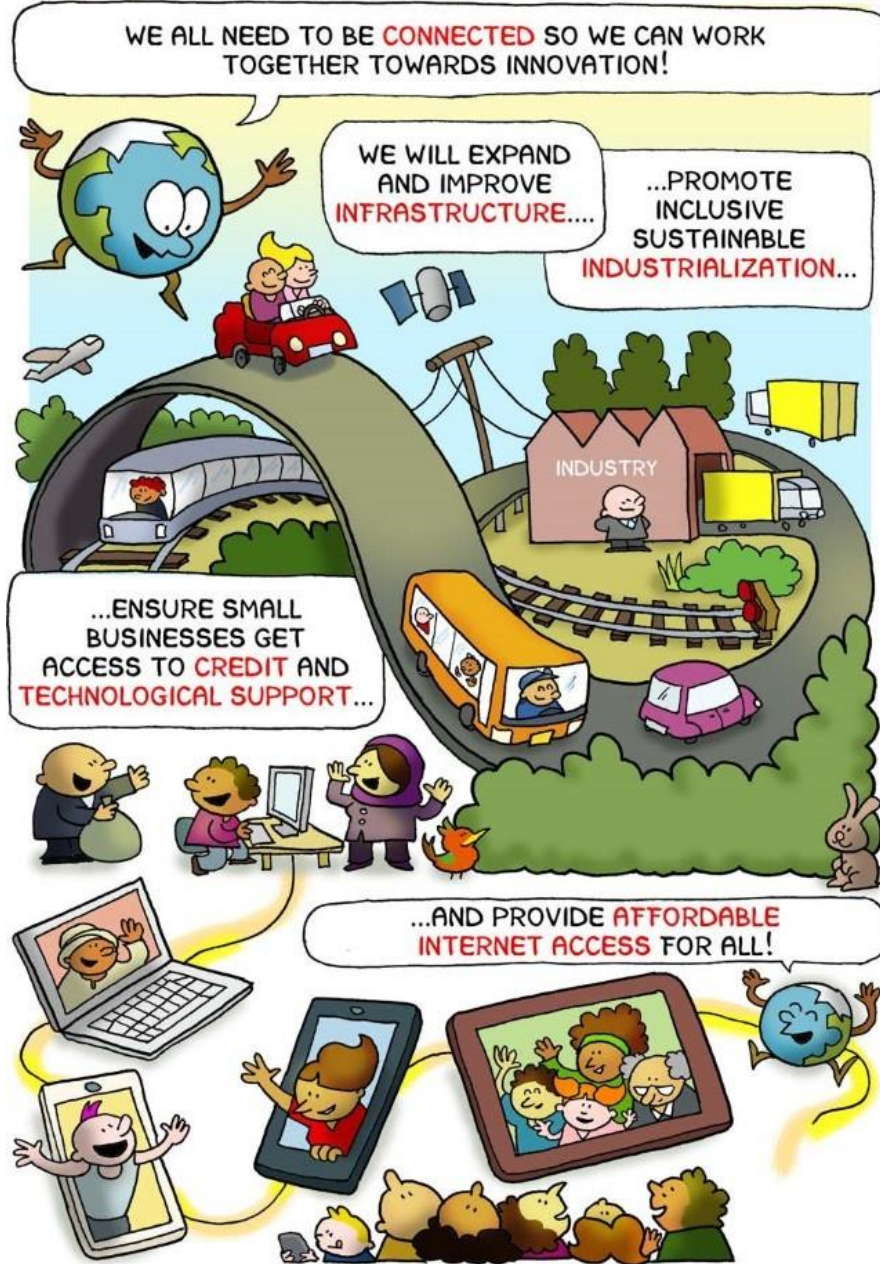




**GOAL 9: INDUSTRY, INNOVATION AND INFRASTRUCTURE**

BY: MARGREET DE HEER



Goal 9 extends the idea of decent work to the development of infrastructure, such as transport, irrigation, energy and information and communication technology, to achieve sustainable development and community empowerment around the world. Investing in the research and development of technological progress, education and the empowerment of marginalized communities can help us achieve our environmental objectives of renewable resources and energy-efficiency.

Find this cartoon and other lesson resources from the *Worlds Largest Lesson* [HERE](#).

**Learn the Facts:**

Access the following fact sheet, and share with your children for information about this goal [HERE](#).





## GOAL 9: INDUSTRY, INNOVATION, AND INFRASTRUCTURE



**ONLINE RESOURCES**  
FOR TEACHING THE  
SUSTAINABLE DEVELOPMENT GOALS  
**FROM HOME**

### For your child in elementary:

Consider [THIS](#) World's Largest Lesson on Food Innovations: Investigations in Science, encouraging students to consider the impact of their daily food choices on the Global Goals and think about innovations in food systems. This lesson is designed for ages 9-14 and includes a video about urban farming.

### For your child in middle years:

Have some spare paper, cardboard, tape and other craft supplies? [THIS](#) World's Largest Lesson on Redesigning Plastic Packaging can help your child gain deeper awareness of the systemic challenges around plastic packaging and how these might be overcome by redesign. This lesson will help students explore ways of designing waste out of the system from the beginning, as part of the circular economy.

### For your child in high school:

This topic is well-suited to high school students. Learn more about sanitation infrastructure and how access to clean water changes lives. Explore water lesson plans [HERE](#) on issues including water scarcity, the effects of dirty and unsafe water and the impacts that lack of proper sanitation and hygiene can have in a community.

You can also view more lessons on the World's Largest Lesson site [HERE](#), including Understanding the Challenge of Finite Resources, part of a series of lessons introducing students to a different way of thinking about how our economy could work: a circular economy. The series builds up exactly how a circular economy is different from the status quo, and looks at the economic, environmental and social advantages of a new approach.

### Looking for more information on the Sustainable Development Goals?

Read more in our free, downloadable guide, [Sustainable Foundations: A Guide for Teaching the Sustainable Development Goals](#), which is also [available in French](#).

