



General Information

generation innovation Regions

What is generation innovation?

generation innovation is an initiative of the Federal Ministry for Transport, Innovation and Technology (bmvit) and the Federal Ministry for Education, Arts and Culture (bmukk). **generation innovation** aims at enthusing children and young people for research and innovation in science and technology and wants to motivate them to opt for jobs or academic studies in science or technology.

What are generation innovation regions?

As a completely new concept for Austria, **generation innovation regions** aim at a comprehensive integration of educational institutions and partners from economy and research (such as universities, enterprises and research institutions) in a project. Within a region educational activities with a scientific and technological content are offered by these institutions collectively so that children and young people from kindergarten to graduation are brought into contact with research, innovation and technology.

Ideally, **generation innovation regions** are established with a focus on a regionally well-positioned scientific or technological topic. On the one hand, already existing initiatives and activities are picked up; on the other hand new ideas and forms of cooperation are created and integrated in the project as well.

At the moment there are 16 **generation innovation regions**, comprising approx. 250 partners from educational institutions, research institutions and enterprises.

What generation innovation regions do exist so far?

Güssing: *Energy goes to school* – The efficient use of renewable energy

Klagenfurt: *Understanding informatics* - Experimental work on the basics of information technology

Kötschach-Mauthen: *Learning garden "Renewable Energy"* – A learning garden is established and equipped with hands-on experiments

Oberösterreich: *Laboratory Network Future OÖ* – Experiments are shown to be essential elements of scientific research

Wels: *Surftech* – Properties of surfaces of materials in technology and everyday life

Wels: *Kart 4 U* – A kart is build

Krems: *Biotechnology in medical science* – The exciting world of biotechnology explained by the example of blood, diseases and vaccines

Ybbs: *Light and energy* – Getting to know the relationship between light and energy and getting aware of a more economic use of electric energy in everyday life

Salzburg: *A small world is getting big* – Research on cell biology is done directly in schools and kindergartens

Salzburg: *Phenomenal* - Phenomena in natural sciences

Lungau: *Sustainable building and future-oriented architecture* – Technology related to building activities

Graz / GU / Weiz: *Health through scientific engineering* – The development of new medicine from the idea to the production

Graz: *TechLab* – Linking lessons in physics with the industrial working world

Graz: *From medicinal herb to drugs* – Getting to know herbs, their components, effectiveness, benefit and distribution

Liezen: *Research and experience workshop* – Research on and experience with the four elements water, soil, warmth and air

Innsbruck: *Aouda spacesuit* – Development of a prototype of a spacesuit for Mars missions

Further information

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