



“Science has great beauty. A scientist in his laboratory is not only a technician: he is also a child placed before natural phenomena which impress him like a fairy tale.”

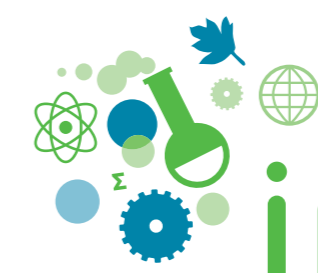
Marie Curie

inGenious Facts

26 partners from 16 countries
 1,000 pilot schools from all over Europe
 1 platform to coordinate the best resources and practices: ingenious-science.eu

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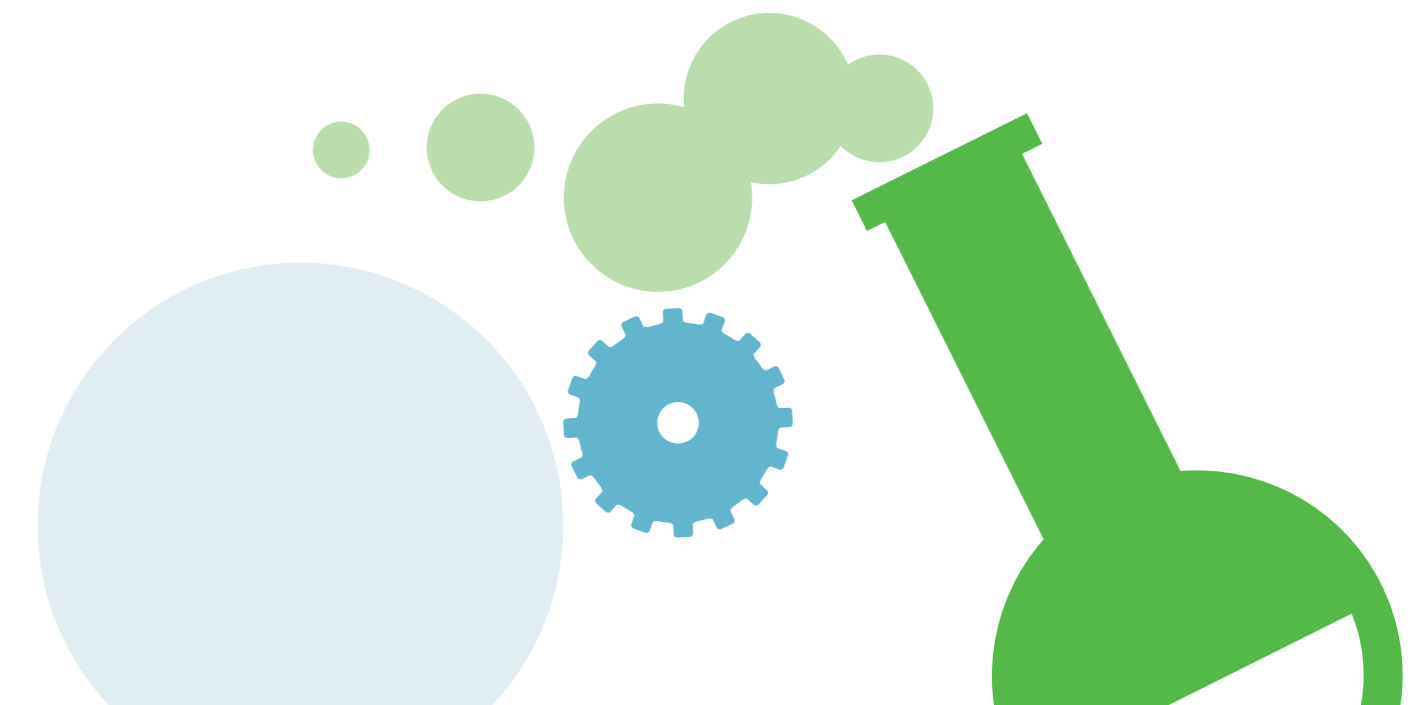
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inGenious

Shaping the future of maths and science education

ingenious-science.eu





inGenious is the European Coordinating Body in Science, Technology, Engineering and Mathematics (STEM). It is a joint initiative launched by European Schoolnet and the European Roundtable of Industrialists (ERT) aiming to reinforce young European's interest in science education and careers and thus address the future skills gap.

Through a strategic partnership between major industries and education Ministries of Education, inGenious has the objective to increase the links between science education and careers, by involving up to 1,000 classrooms throughout Europe.

With a grant of €8 million from the European Commission's 7th Framework Programme over a 3-year period, and the support of 26 partners from 16 countries, including 7 major industries, inGenious is one of the largest and most strategic projects in science education undertaken in Europe.

What is inGenious?

inGenious is a multi-stakeholder consortium of 26 partners from 16 countries, bringing together education (Ministries of Education, national science education platforms and universities) and business (major European companies and industry federations). It is coordinated by European Schoolnet, a unique network of 30 Ministries of Education in Europe.

Future European competitiveness is highly dependent on a skilled workforce with significant abilities in maths and science. Through the collection of best practice and the organisation of activities across Europe, inGenious addresses the declining interest of young people for studying and working in maths, science and technology and takes stock of the state of research in the field.

inGenious will achieve this by coordinating, leveraging and building upon existing partnerships in the field of science, technology, engineering and mathematics education across Europe.



The inGenious virtuous circle: educate, communicate and inspire

Develop a repository of STEM education best practice

inGenious will establish a pan-European observatory of best practices in STEM education supported by national public authorities and industry, and publish country synthesis reports. For more information go to <http://ingenious-science.eu>.

Communicate and stimulate STEM education best practice

Best practices will be implemented in a network of leading schools in 15 countries with a critical mass of 1,000 participating classes.

National teacher workshops and annual summer academies are taking place across Europe to inspire the growing inGenious community and create opportunities for teachers and industry representatives to exchange about their experience in STEM education.



Impact on STEM education policy

Changing STEM education policy involves addressing all stakeholders in this area. By bringing together high-level researchers, practitioners, companies and policy makers inGenious reaches out to the highest spheres of power, encouraging the development of innovative practices and the translation of these ideas into curriculum guidelines and national policies.

Change the perception of STEM

All the actions undertaken in inGenious ensure that education / industry cooperation initiatives improve the image of STEM careers among young people and encourage them to think about the wide range of interesting opportunities that STEM can bring to their lives in the future.

Find your place in inGenious

Are you a teacher?

- Find new resources to inspire your classes.
- Get the chance to engage in a project with leading companies.
- Join the community and share your experience with colleagues across Europe and industry experts.
- Participate in fairs and competitions and take part in exciting hands-on STEM education activities.

Become an associate partner

inGenious offers an opportunity to Ministries of Education, companies and other organisations to actively participate in the project using their own resources as unfunded associate partners.

As an associate partner you can participate in the inGenious school pilots, share your repository of best practice with the inGenious community, communicate your best practice throughout Europe, and be at the heart of policy making in industry / education collaboration.

