



"I hear and I forget.

I see and I remember.

I do and I understand."

(Confucius)



Raw MatTERS Ambassadors at School

AN INNOVATIVE PROGRAM

to make science education
and careers in Raw Materials
attractive to youngsters

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Project Aim

- to promote a wide dissemination action on Raw Materials related themes in Schools and Society
- to favor a collaborative dialogue and networking between European and Local Actors.
- the development of a network of Raw MatTERS Ambassadors (science communicators)

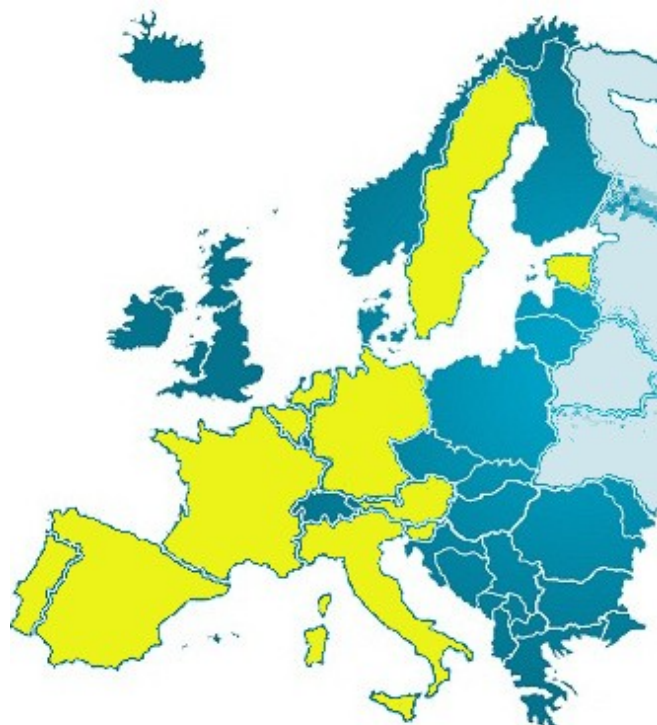
The Main Idea

To propose an **active learning** to schools by involving 10-19 yrs students in experiments with **RM-related hands-on kits**, in excursions in industries, and in science communication activities.

Key points

- Learning pathways involving RM for Science & Technology education.
- Strengthen the creative thinking skills and de-siloing mindset by the involvement of youngsters in communication events.
- Creation of Local Networks: research institutes, schools, museum and companies cooperating to create successful activities for schools.
- Involvement in an European Network.





Consortium

The European consortium comprises of **19 Partners from 12 EU countries** with complementary expertise in the field of RM and education. The Local Networks between research institutes, secondary schools, and companies will be set up in all the 12 EU countries with the aim to stimulate schools and companies to get in touch with one another.

Workplan

- **All students are introduced into the RM topics by RM Ambassadors** (experts from the consortium and trained teachers) at school or in some suitable places.
- Classes are transformed into a laboratory and filled with RM-related hands-on educational kits developed by the Consortium (learning by doing).
- Some classes can also perform **excursions in Industries**.
- All students are asked to become science communicators themselves (**Young RM Ambassadors**): the youngest (10-13 yrs) create dissemination products by using the mother tongue, while teenagers (14-19 yrs) have to use also English.
- **A peer-to-peer dissemination process** is activated as well as **Open Doors Days** (visit in research institution in another partners' country).
- Participation of RM and young RM Ambassadors to **public events**.
- Participation of some delegates (students and teachers) to the annual **European RM@Schools Conference** (Italy).

Virtual Centre , Website, and Social Networks

All the produced materials are shared in an on-line platform (**Virtual Centre**) from where you can also download our experimental protocols and get in touch with our scientific educational experts. The access to it is free, but it is necessary to enroll.

Sharing comments on the experiences and inter-connection between EU schools are possible through our social networks (**Facebook, Instagram, Google plus**, and our **YouTube channel**).

All the carried out activities and events are presented on the **Website** (<https://rmschools.isof.cnr.it>), as well as the links to our social channels.