



Il JRC e il citizens engagement

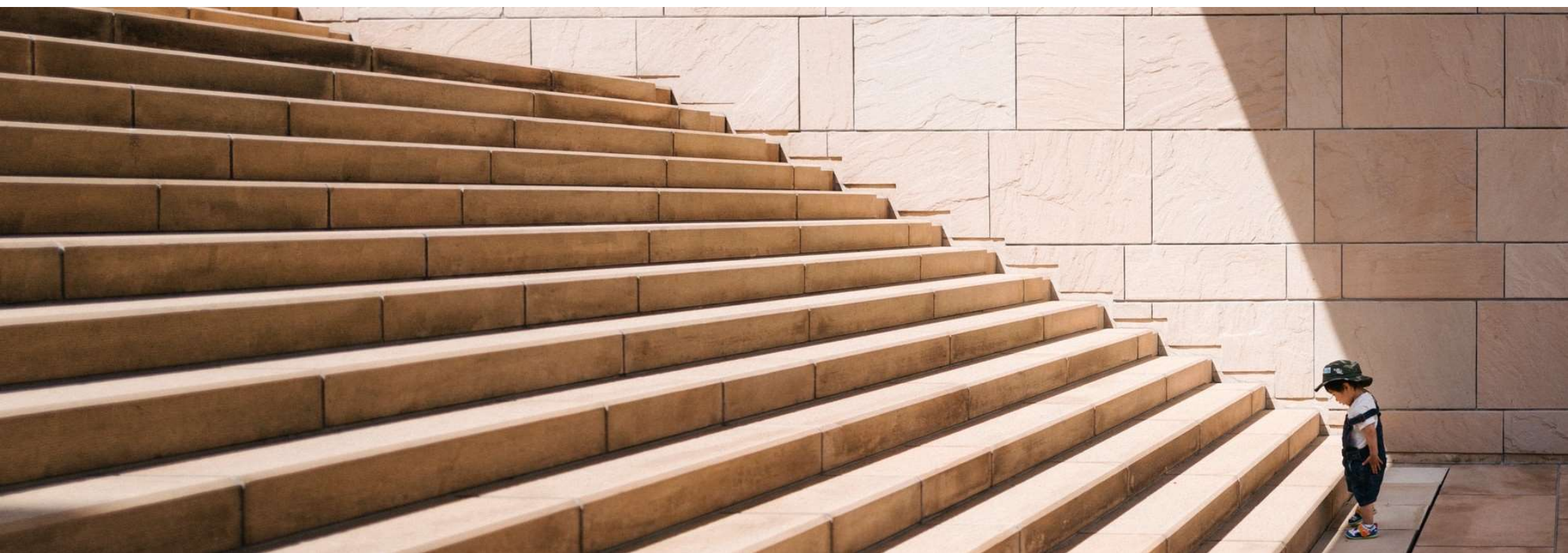
Matteo Fornara

Rossella Speroni

Asti, 30 Novembre 2022

Joint
Research
Centre

La Società e le sue tante sfide



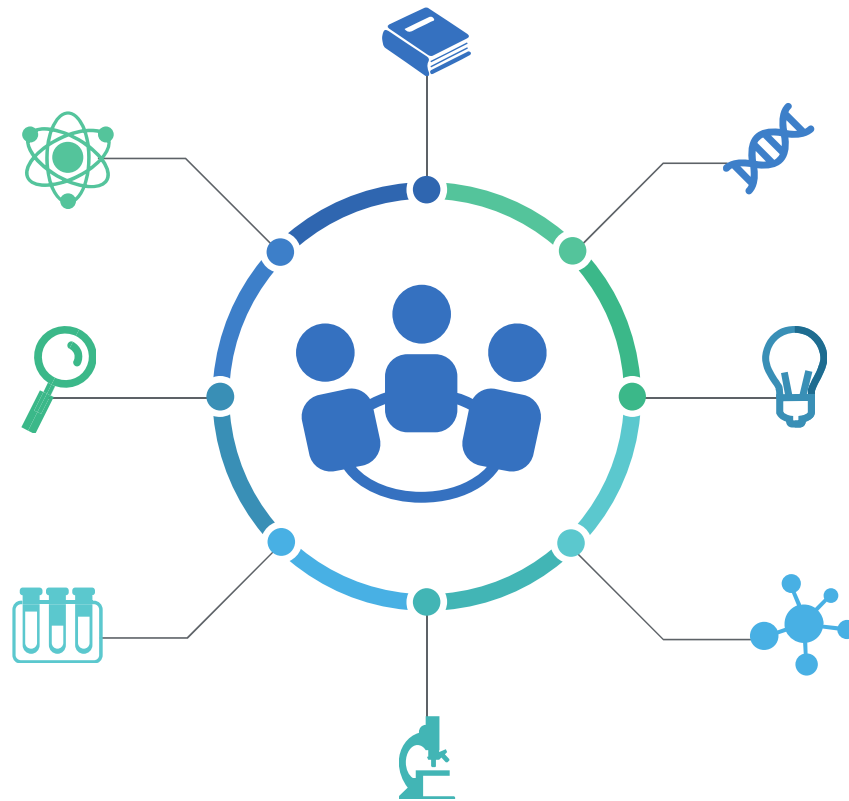
L'attuale contesto....

Ursula von der Leyen Commission:

- *Green Deal*
 - *Digitalisation*
 - *Open and inclusive economy*
 - *Democracy and citizens' engagement*
-
- *...the Covid-19 pandemic*
 - *Next Generation EU*
 - *...the Russian aggression in Ukraine*
 - *The energy crisis, the EU defence, enlargement, ...*



The need for evidence (**science**) to support **policy**





anticipate



integrate

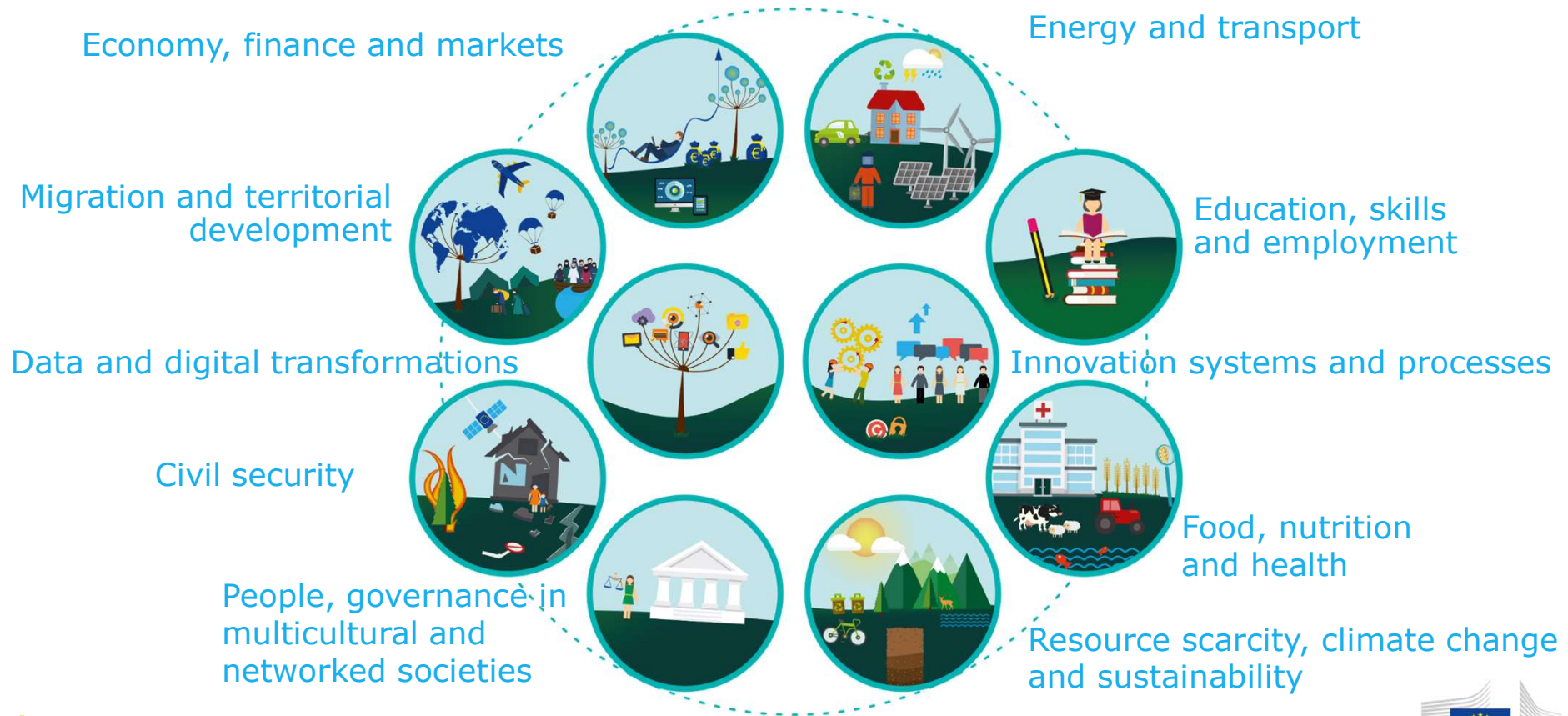


impact

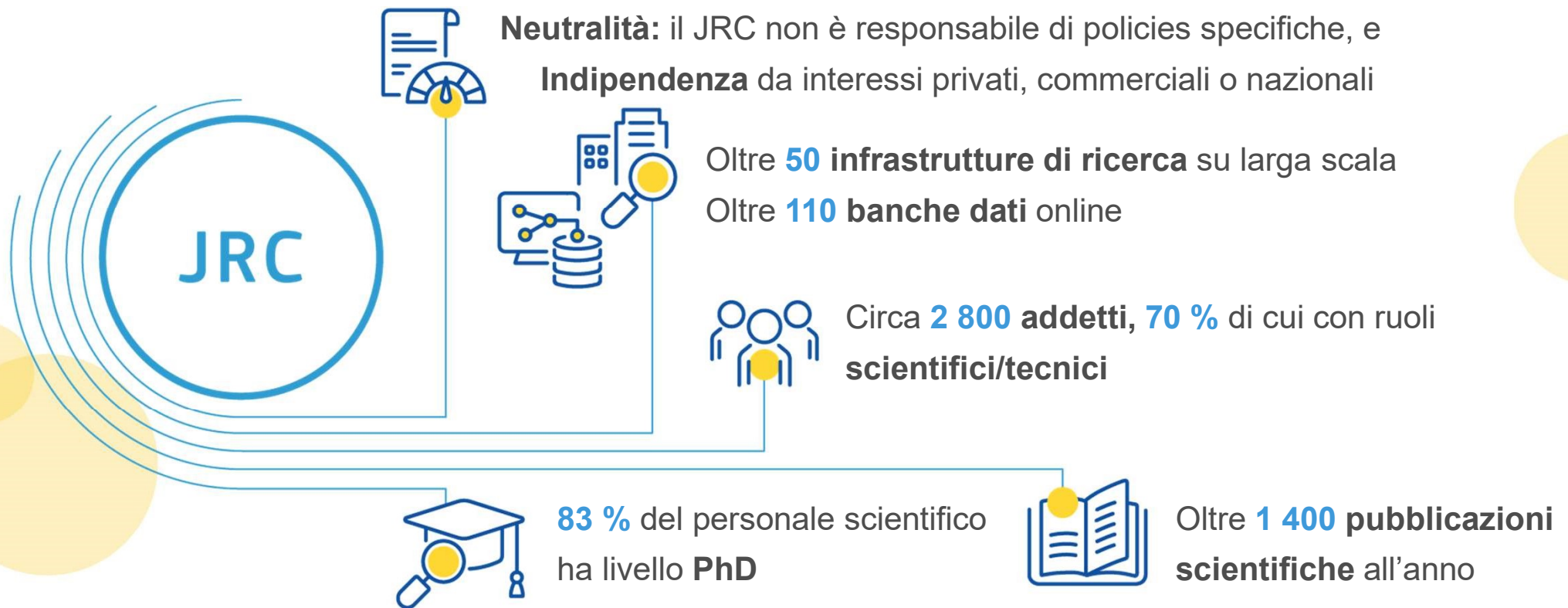
JRC's mission

As the science and knowledge service of the European Commission our mission is to support EU policies with independent evidence throughout the whole policy cycle.

Aree di Ricerca del JRC



Il ruolo del JRC: dati e cifre



I siti scientifici del JRC

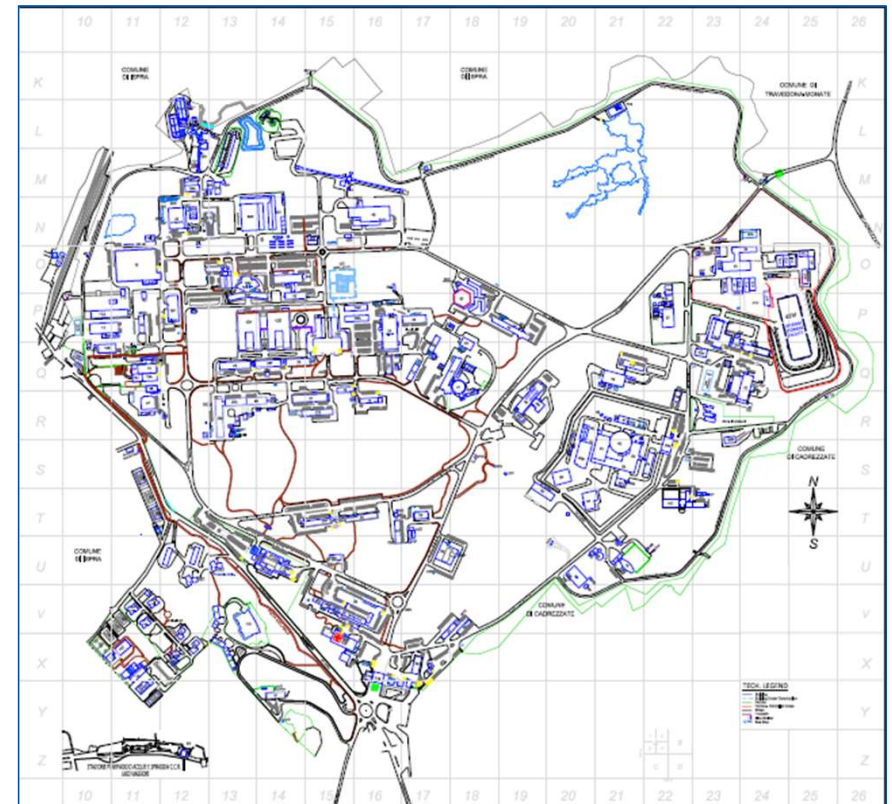
Headquarters a **Bruxelles**
e siti di ricerca in **5 Paesi membri:**

- Belgio (Geel)
- Germania (Karlsruhe)
- **Italia (Ispra)**
- Paesi Bassi (Petten)
- Spagna (Siviglia)



Il sito del JRC a Ispra

- 2/3 of staff (2000 people, 1500 scientists from 27 EU MS)
- More than 40 large-scale facilities
- 36 km of roads
- Third biggest site of the European Commission after Brussels and Luxembourg



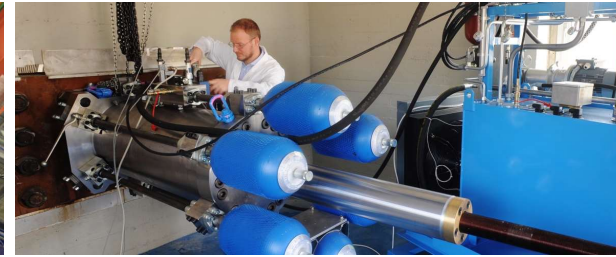
JRC facilities – alcuni esempi

Virtual tour <https://visitors-centre.jrc.ec.europa.eu/en/media?type=8>

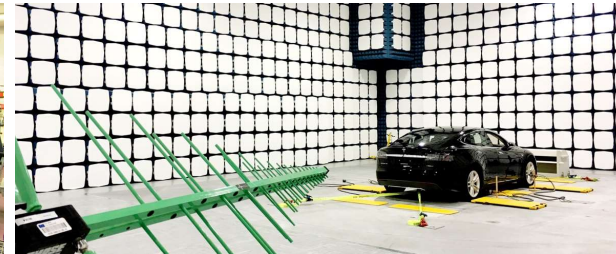
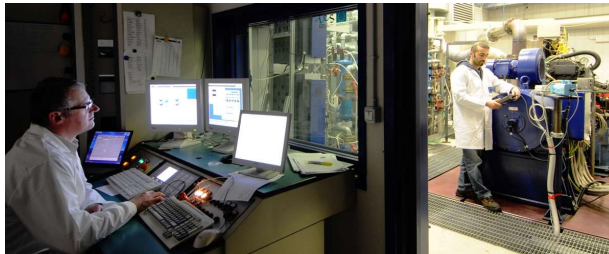
European
Laboratory for
Structural
Assessment
(ELSA)



Hopkinson
Bar facility
(HOPLAB)

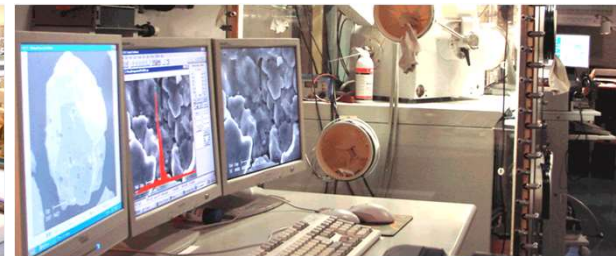


Vehicle Emission
Laboratory (VELA)



European
Interoperability
Centre for Electric
Vehicles and
Smart Grids

Battery Testing
Facility Laboratory



Nuclear Forensic
Laboratory

JRC facilities – alcuni esempi

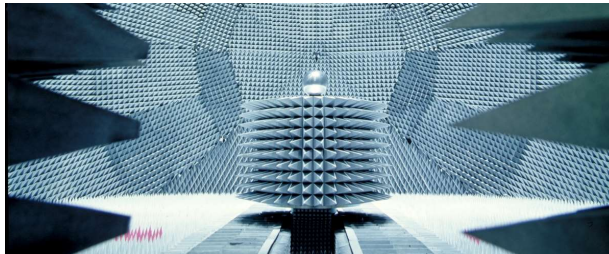
Virtual tour <https://visitors-centre.jrc.ec.europa.eu/en/media?type=8>

JRC ultra low-background gamma-ray spectrometry facility (HADES)



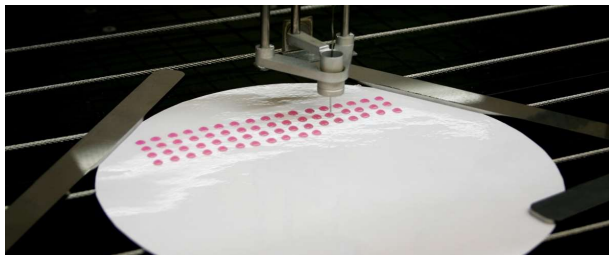
European Solar Test Installation (ESTI)

European Microwave Signature Laboratory (EMSL)



Gas Testing Laboratory

JRC radionuclide metrology laboratory (RADMET)



European Crisis Management Laboratory (ECML)

Citizens Engagement



All actions in the context of a more general goal related to the social and educational empowerment of young people stimulating critical thinking and learning about impactful lifestyle and behaviour and sharing these experiences with others

Science Flash Italia

- “Science Flash For You Italia” è il bollettino che presenta l’attività del JRC in relazione all’Italia (news, dati, eventi).
- Viene pubblicato in lingua italiana 3 volte all’anno ed è indirizzato a un pubblico non specializzato.
- Tutti possono iscriversi inviando un'e-mail a jrc-institutional-comm@ec.europa.eu, o nella pagina del sito del JRC: <https://ec.europa.eu/jrc/en/jrc-newsletter>

JRC-Centro comune di ricerca

Science Flash For You

L'Italia e il servizio scientifico e di conoscenza della Commissione europea

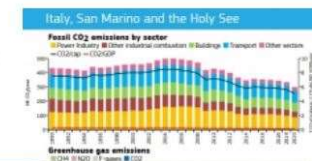


Seguici | Seguici  | none 

Notizie

Le emissioni di CO₂ e di gas serra diminuiscono in Italia

Le emissioni di CO₂ e di gas serra in Italia sono diminuite nel 2020, soprattutto a causa degli effetti della pandemia di Covid-19, ma una tendenza alla loro riduzione si registra già dal 1990 in poi, secondo i dati contenuti nel rapporto EDCAR 2021 del JRC. Tale



School Programme (per info scrivere a JRC-Schools@ec.europa.eu)

at JRC Ispra:

Visits, School-day, workshops for Teachers, TedTalks etc...



In collaboration with Uffici scolastici regionali, EP and EC Representations, scientific partners

School Programme

Outside JRC Ispra:
European Researchers Night, ESOF, Science week, ED events.....



In collaboration with EP and COMM Representations, EDIC, Local and National Authorities, Universities, Scientific Organisations and Science Museums

School Programme

JRC Visit for Schools competitions or within specific projects with our partners



Visit of European Union Contest for Young Scientists (EUCYS) Ispra, 26-28 April 2022

Tuesday 26 April

Departure from airport to JRC

14:00 – 14:30 **Arrival at JRC Visitors' Centre and sandwich lunch**

14:30 – 15:00 **Introduction to the JRC**
Rossella Speroni

15:00 – 15:10 **Coffee break**

15:10 – 16:45 **Poster session**
presentations of the winning projects

16:45 – 17:30 **Presentations by JRC scientific staff (hosting units)****

17:30 *Departure from JRC to hotel*

19:30 **Dinner at hotel with scientific staff**

Wednesday 27 April

09:00 *Departure from hotel to JRC Visitors' Centre*

09:30 – 16:45 **Individual work shadowing including lunch with the hosting Units***

17:00 *Departure from JRC Visitors' Centre to hotel*

20:00 **Pizza night at Il Coppale**

Thursday 28 April

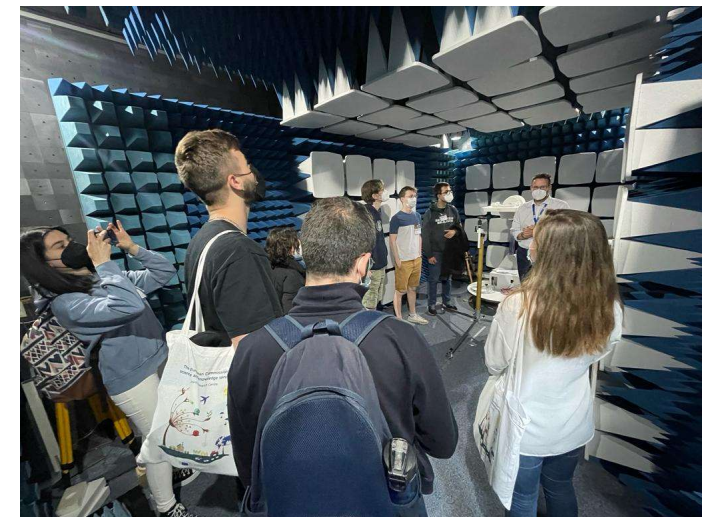
09:00 *Departure from hotel to JRC*

09:30 – 10:15 **Visit to the European Laboratory for Structural Assessment (ELSA) Bldg. 48** **Martin Poljansek / Daniel Tirelli**

10:20 – 11:05 **Visit to the Vehicle Emissions Laboratory (VELA B-9) Bldg. 18** **Fausto FORNI, Massimo CARRIERO, Marcos OTURA**

11:10 – 11:55 **Visit to the European Microwave Signature Laboratory (EMSL) Joaquim FORTUNY GUASCH Bldg. 24**

12:00 *End of visit and departures to airport*



Massive Open Online Courses (MOOC)

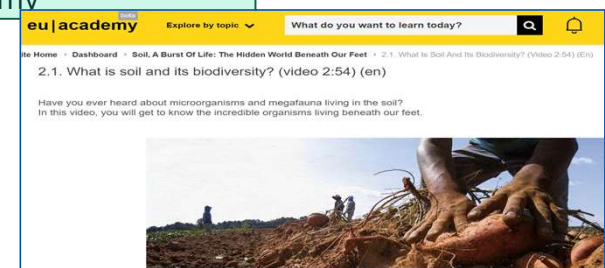
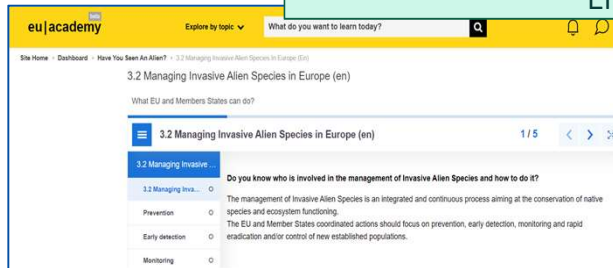
*co-designed with teachers
(Italian system, European Schools system)*

MOOC on Biodiversity - **ALIEN INVASIVE SPECIES**

EN, IT, ES, FR, DE, PT, NL available on EU Academy

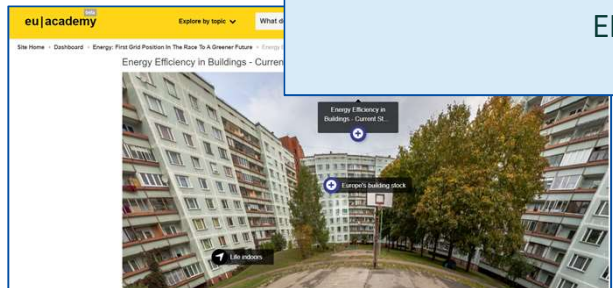
MOOC on Biodiversity - **SOIL**

EN, IT, ES, FR, DE, PT, NL available on EU Academy



MOOC on Energy – **ENERGY EFFICIENCY and RENEWABLES**

EN, IT, NL, FR, ES available on EU Academy



Online Seminars

“SCIENCE IS EVERYWHERE”

Interactive digital seminars for schools + web streaming

- Monthly Seminars
- simple, yet engaging format “**Let’s talk about...**”

8 different topics, 1 each month

Seminars 2022-2023 will be in **ITALIAN**
+ Pilot projects in 2023 in **PT, ES, GR**

The seminars will be held on **WebEx** and **recorded**.



Online Seminars “SCIENCE IS EVERYWHERE” Calendar 2022-23

Online Seminars 2022 in ITALIAN

- **7 ottobre** Parliamo di... Energia
- **7 novembre** Parliamo di... Nucleare
- **17 novembre** Parliamo di... Nuclear Decommissioning

Online Seminars 2023 in ITALIAN

- **17 gennaio** Parliamo di... Spazio
- **27 gennaio** Parliamo di... Gestione dei disastri naturali
- **17 febbraio** Parliamo di... Biodiversità
- **17 marzo** Parliamo di... Cibo
- **27 marzo** Parliamo di... Salute

**Open Competition “Science is everywhere -La Scienze é ovunque”
– best video created by you!**

8 winners – 1 for each topic will receive JRC prizes (top 3 winners: 1 day tour to the JRC Ispra site; other 5 winners: ATLA collections for the school libraries) during an hybrid event in May 2023

PILOT PROJECTS

in collaboration with EDIC network

- **Online Seminars 2023 SPACE in GR**
- **Online Seminars 2023 FOOD in ES**

Date to be defined



European Education Area

Other JRC initiatives

SELFIE

SELFIE is a free, easy-to-use, customisable tool to help schools assess where they stand with learning in the digital age

<https://education.ec.europa.eu/selfie>

EU ACADEMY

An EU-owned online hub containing first-hand knowledge, high quality educational resources and valuable insights, directly produced by the EU institutions

<https://academy.europa.eu/>

#EuropeanforClimate Coalition

European participatory education community to support the changes needed for a climate-neutral society

https://education-for-climate.ec.europa.eu/_en

Europa Science Experience



- EU Science is woven into our daily lives
- Major policy challenges affect our planet, our society and our safety. They cannot be solved without scientific evidence.
- Come behind the scenes to discover the fascinating diversity of EU Science
- @ JRC Ispra

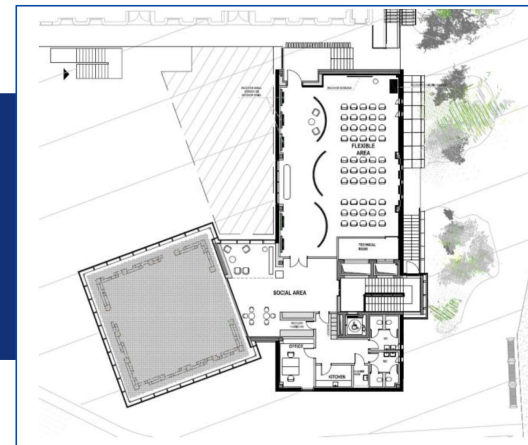
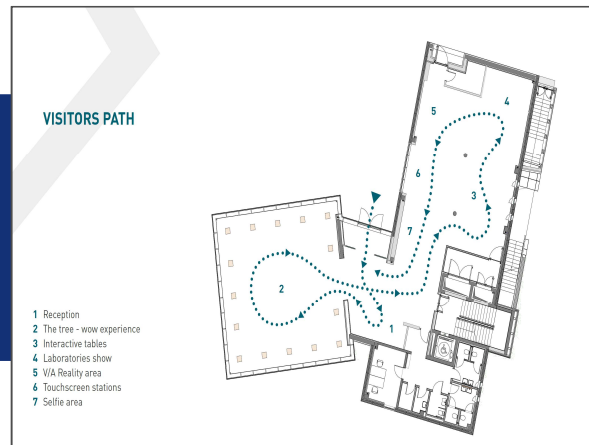
OPENING

Phase 1 – Beginning of 2023: Guided institutional and high-level visits, schools, friends and family. Mondays – Fridays

Phase 2 – 2024: Organised (non-school) private and corporate groups. Public through registration. Mondays – Fridays plus selected weekends

Piano Terra

Primo piano



Keep in touch



EU Science Hub: ec.europa.eu/jrc



@EU_ScienceHub



EU Science Hub – Joint Research Centre



EU Science, Research and Innovation



EU Science Hub



EU science