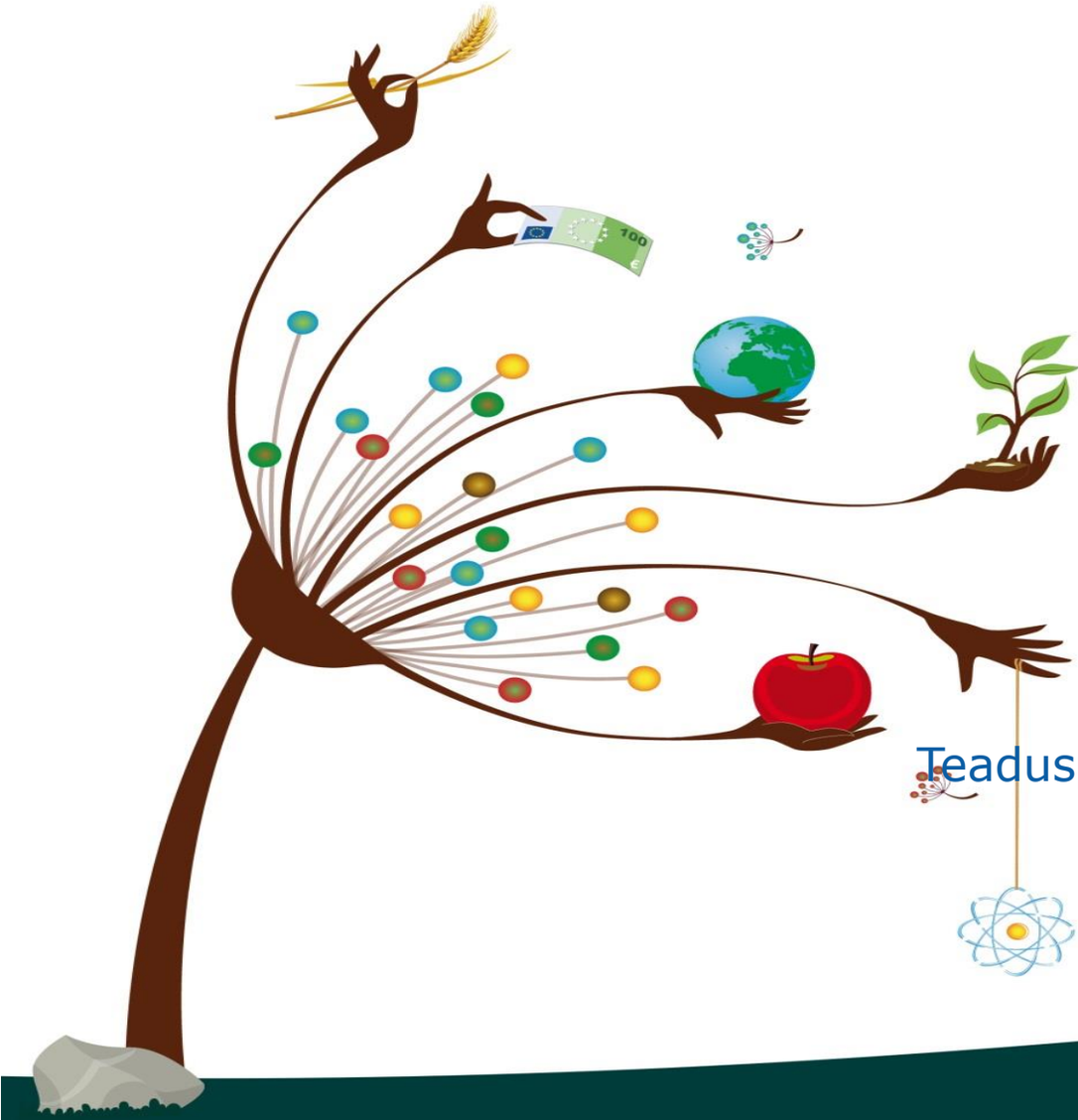
The European Commission's science and knowledge service

Joint Research Centre



Uued vürtsid Euroopa Komisjoni poliitikapotis

Maive Rute

Deputy Director-General

Teaduspoliitika konverents sarjast „Teadus kui Eesti arengumootor"
Tallinn 4 Oktoober 2017

European Commission

The need for evidence to inform policy



European Commission

DG Joint Research Centre : Facts & Figures

€ 386 million Budget annually,
plus **€ 62** million earned income

30% of activities in policy preparation,
70% in implementation

125 instances of support
to the EU policy-maker annually



6 locations in 5 Member States: Belgium, Germany, Italy, the Netherlands, Spain

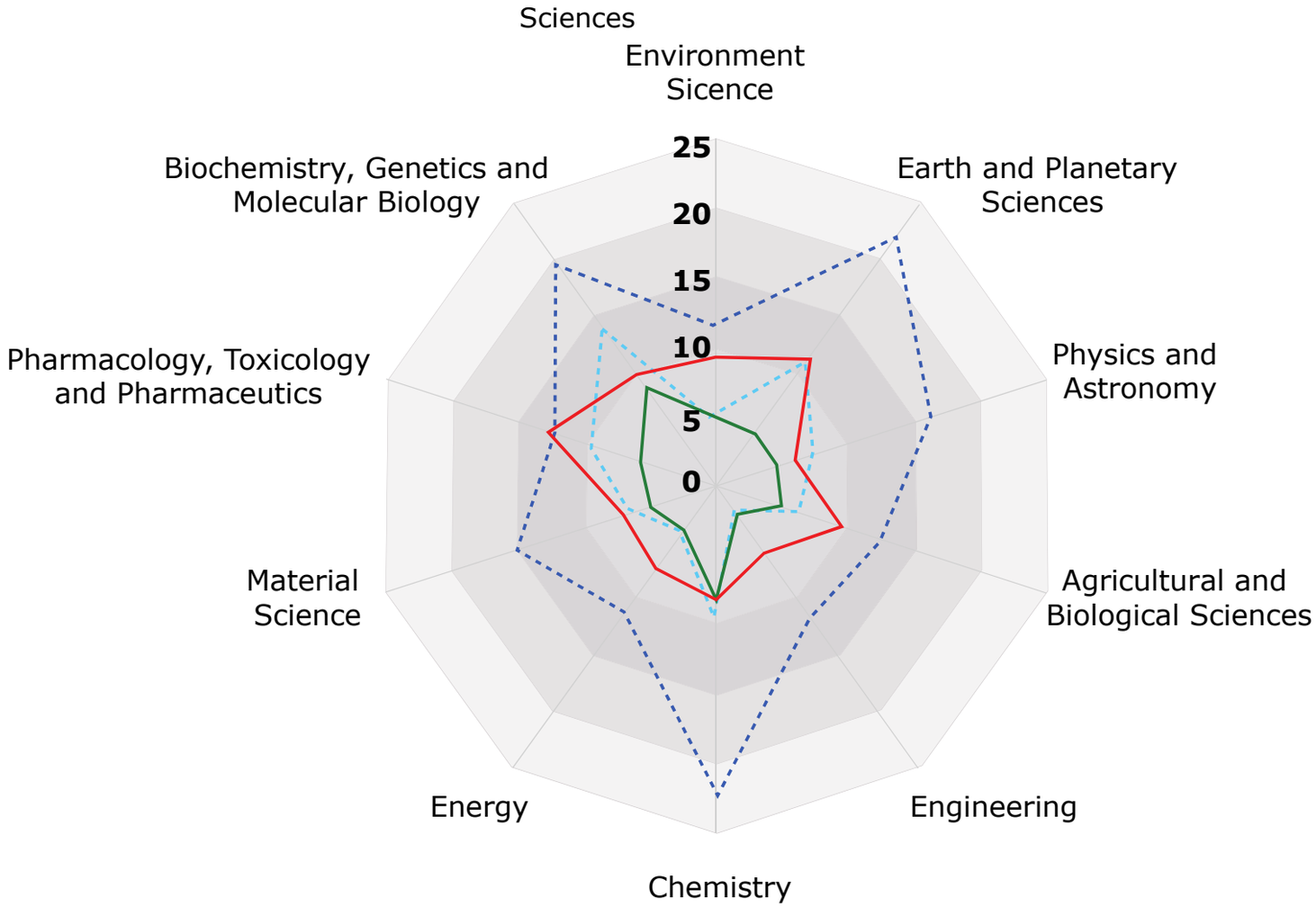
42 large scale research facilities, more than 110 online databases

83% of core research staff PhD's

Over 1,400
scientific publications per year

European Commission

JRC Scientific Excellence



European Commission

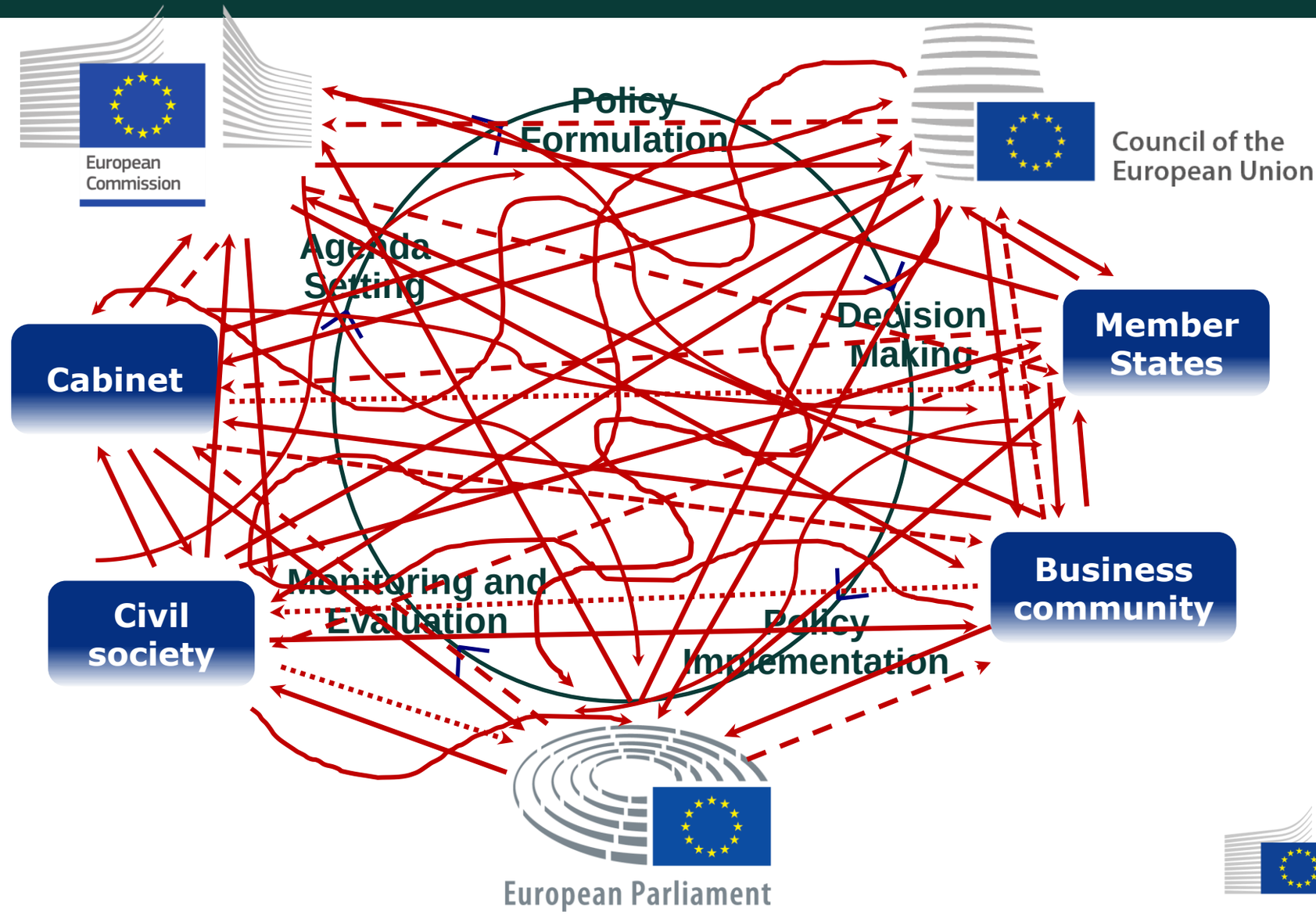
JRC's Mission

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

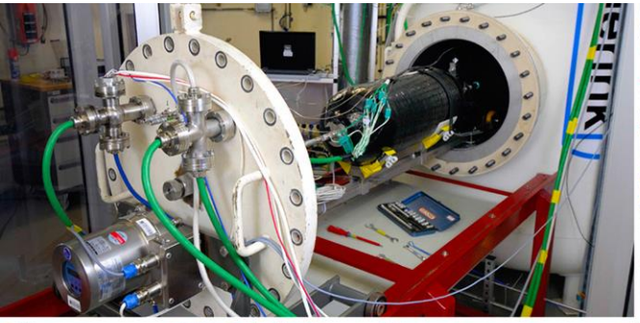


European Commission

Policy cycle: from theory to practice

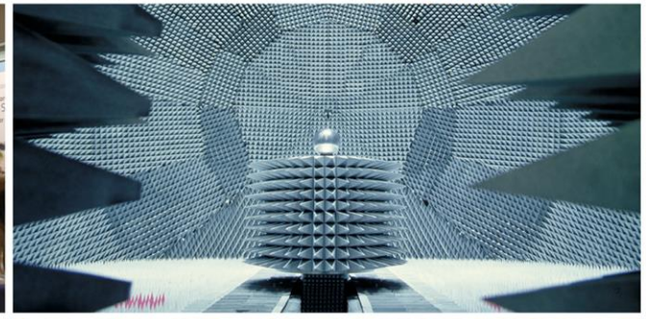


JRC: Sharing knowledge and access to facilities















1. Hydrogen Testing Facility, 2. European Laboratory for Structural Assessment (ELSA), 3. European Interoperability Centre for Electric Vehicles and Smart Grids, 4. Food Contact Materials (EURL FCM), 5. European Crisis Management Laboratory (ECML), 6. European Microwave Signature Laboratory (EMSL), 7. Vehicle Emission Laboratory (VELA), 8. European Solar Test Installation (ESTI), 9. Nanobiotechnology Laboratory, 10. Hot Cell Laboratory, 11. Reference materials processing facility, 12. AMALIA Laboratory

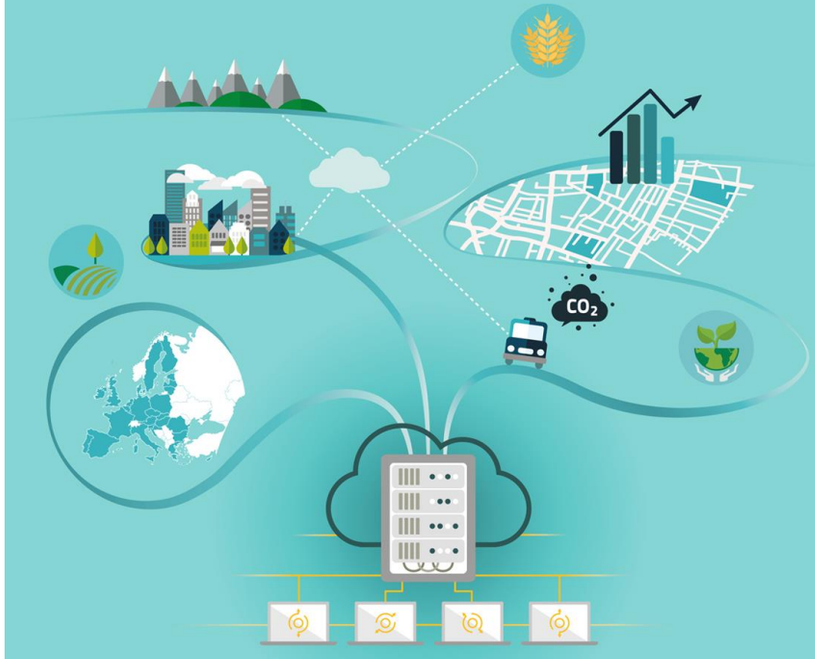
European Commission

Knowledge Centres

The European Commission's Knowledge Centre on Migration and Demography



The European Commission's Knowledge Centre for Territorial Policies



The European Commission's Knowledge Centre for Disaster Risk Management



European Commission

Competence Centres

The European Commission's Competence Centre on Composite Indicators and Scoreboards



The European Commission's Competence Centre on Microeconomic Evaluation



The European Commission's Competence Centre on Text Mining and Analysis



European Commission

The EU Policy Lab combines Behavioural Insights, Foresight, and Design for Policy to connect, envision, and prototype solutions for better

Co-Design Scenarios + Personas



Serious Games + 3D Tools



System + Stakeholder Mappings



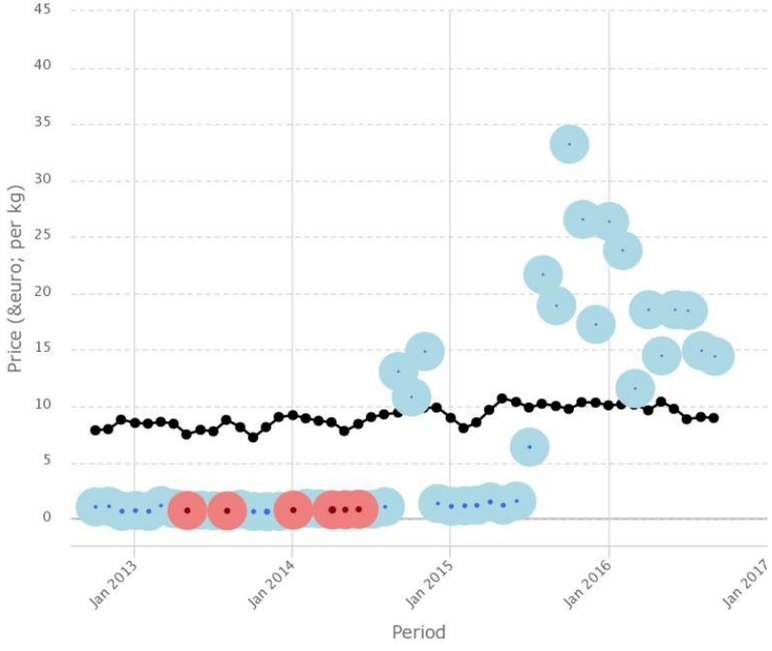
Storytelling



European Commission

JRC Highlights: Data Mining and Analysis

How fraud looks like?

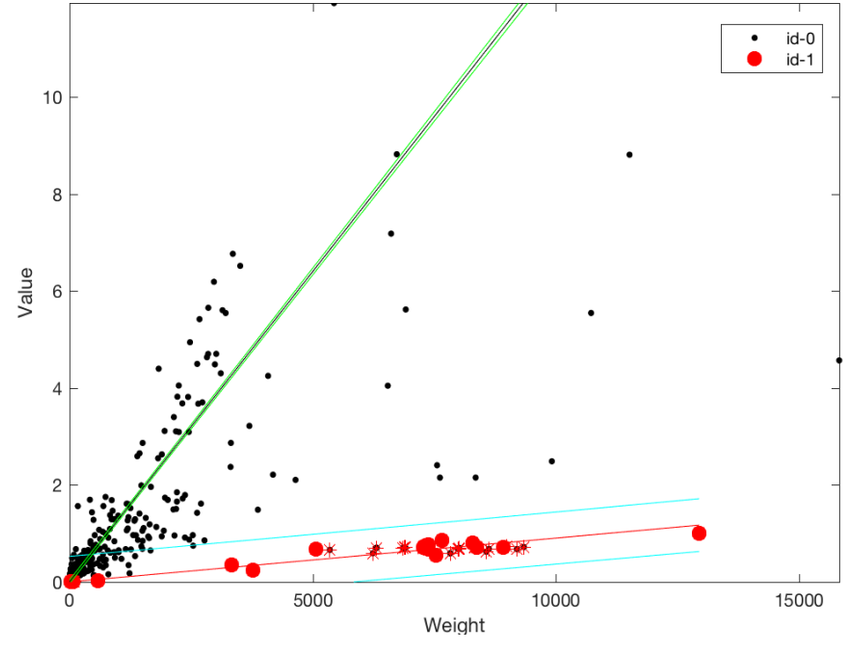


JRC:

- **Effective border management**
- **Protects EU Budget**

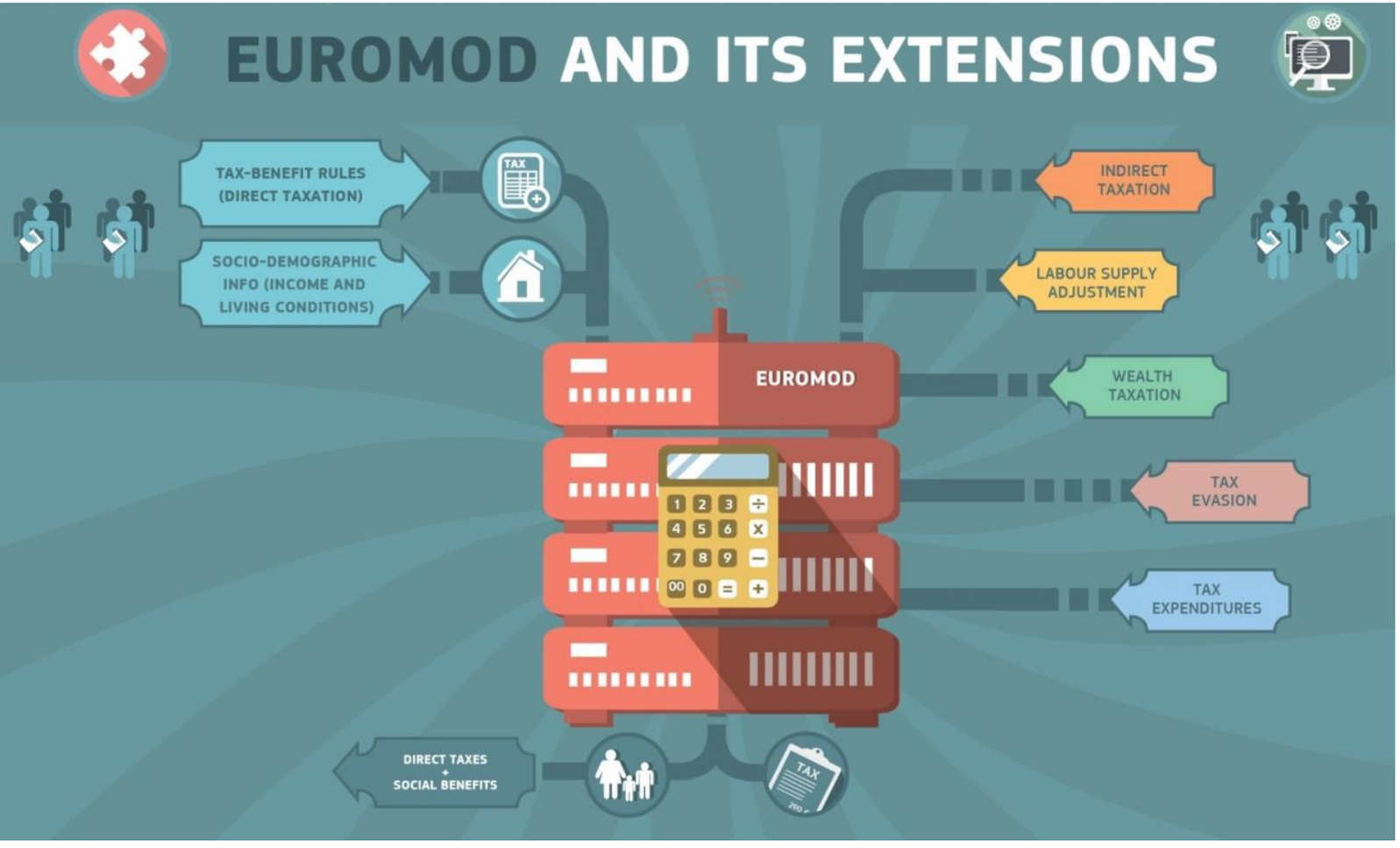
Is Customs Value under-declared?

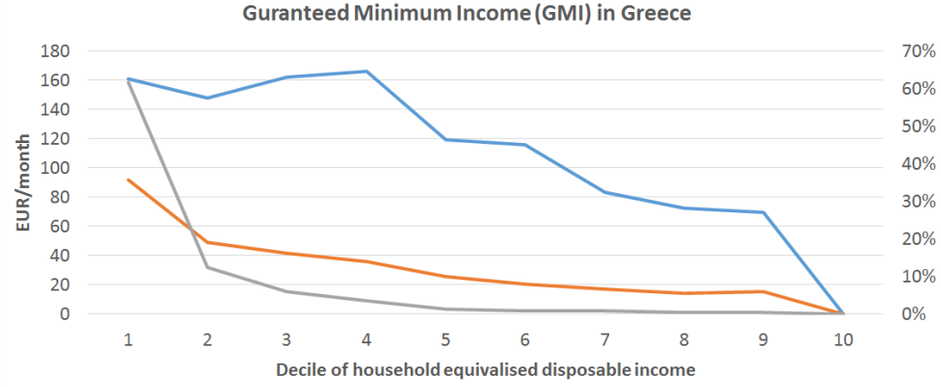
Are there declarations likely to be wrong?

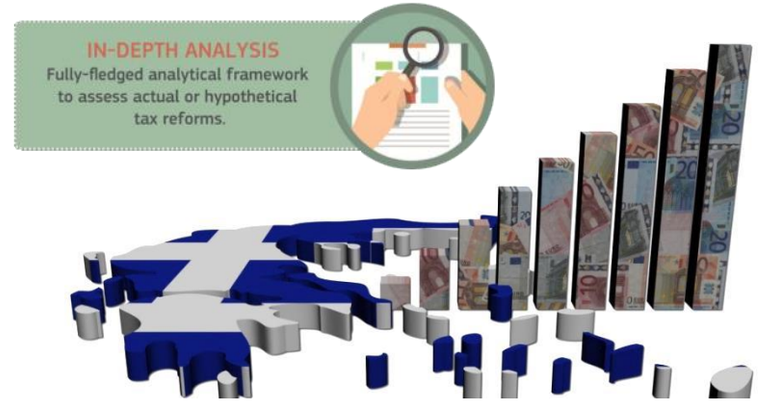


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JRC Highlights: Fiscal Policy







European Commission

JRC Highlights

Keeping Europe’s lights on

Connecting the Baltic electricity system



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European Commission

JRC Highlights: Regional Policy

THE SMART SPECIALISATION PLATFORM

Why it was created

TO UNLOCK REGIONS' GROWTH POTENTIAL

EUROPE WILL INVEST IN INNOVATION

€123 bn

IN 2014 - 2020

35% of cohesion policy funds

€123 bn

€351.8 bn

- Research & Innovation
- Digital Growth
- Shift to Low Carbon Economy
- Competitiveness of SME

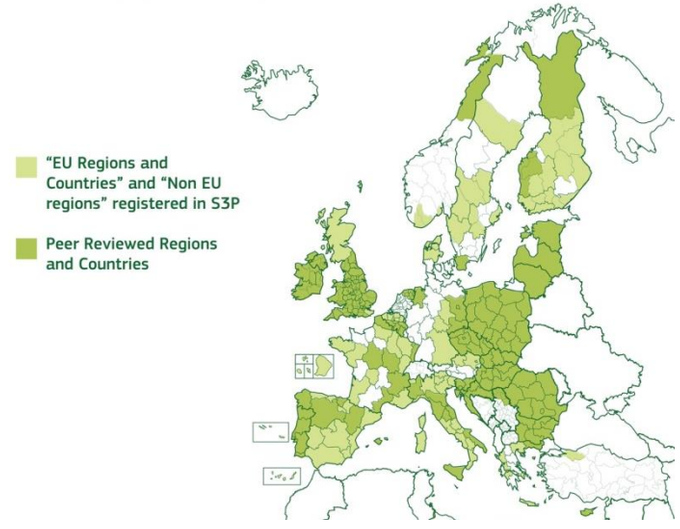
What is happening

S3

178 regions

18 countries

>70 peer reviewed regional / national innovation strategies



European Commission

Thank you!



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Joint Research Centre



EU Science Hub

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