The European Commission's science and knowledge service

Joint Research Centre

Monitoring allocation of EU funding at territorial level to better evaluate (and design) smart specialisation strategies

7 February 2020-Brussels

Mathieu Doussineau
JRC B.3 Territorial Development, S3 Platform
https://s3platform.jrc.ec.europa.eu/
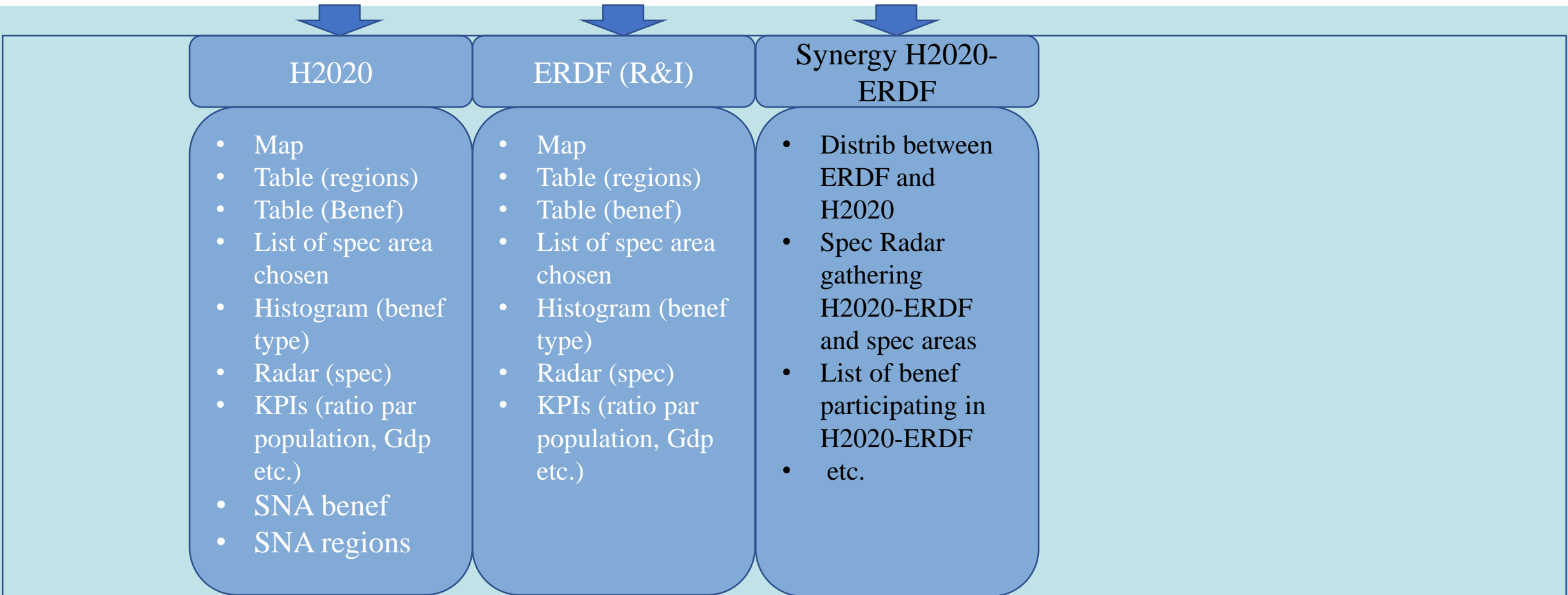
European Commission

Context and objective

There is a lack of indicators at regional level which is hampering the monitoring & evaluation (and update) of S3

- Design of regional dashboard based on H2020 & ERDF projects dataset to Support to policy makers in the evaluation and update of their S3 strategies in
  1. Monitoring synergies between EU funding within specialisation areas
  2. Measuring the alignment of the R&I project allocation with their Smart specialisation strategies
  3. Benchmarking region with others
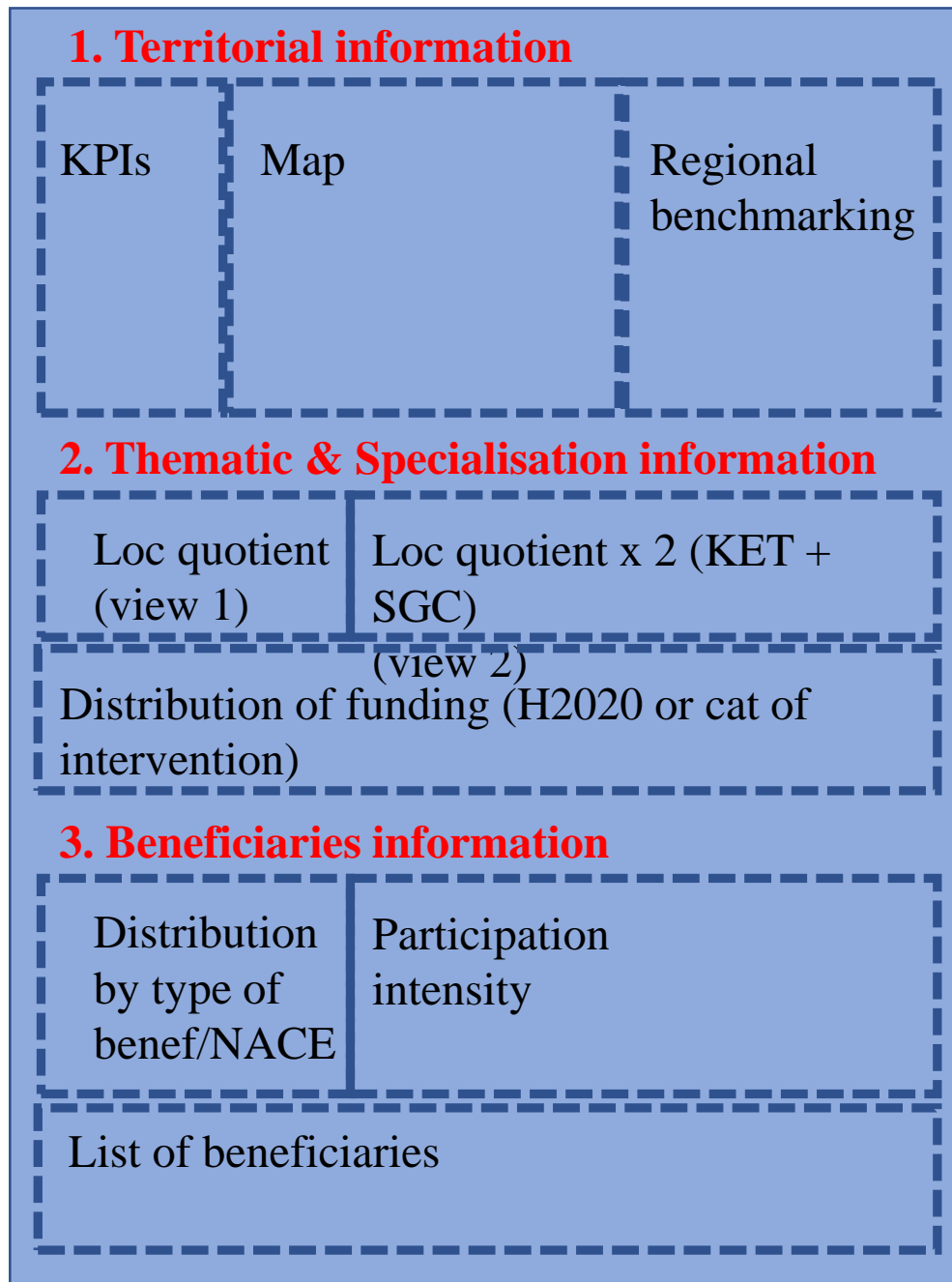 4. Better Identifying key players and other Europeans ones

The objective is <u>not to provide</u> an exhaustive monitoring of what has been allocated or captured in a given region
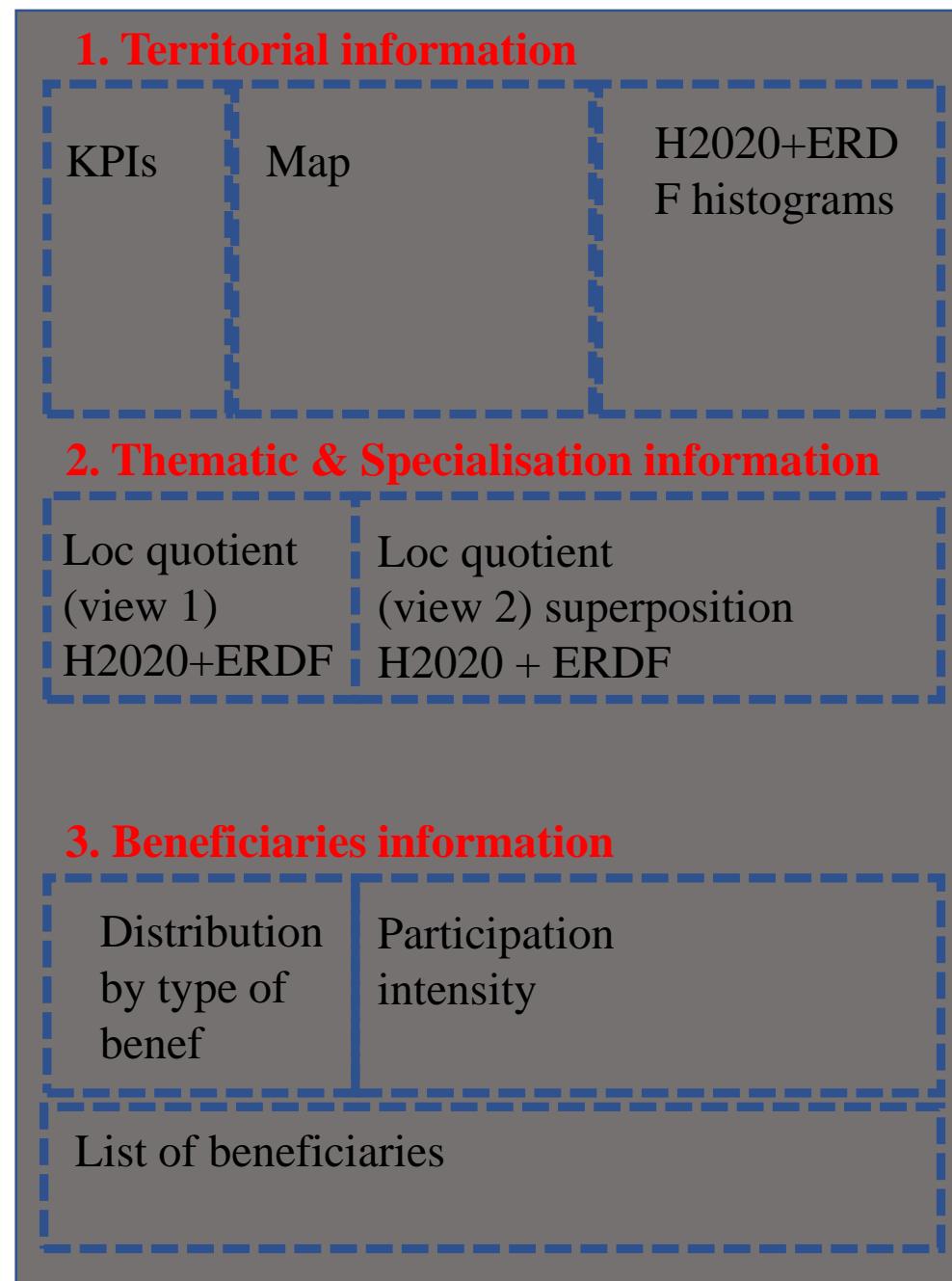
Update of the S3platform R&I viewer
Simplified view of the Dashboards

H2020

- Map
- Table (regions)
- Table (Benef)
- List of spec area chosen
- Histogram (benef type)
- Radar (spec)
- KPIs (ratio par population, Gdp etc.)
- SNA benef
- SNA regions

ERDF (R&I)

- Map
- Table (regions)
- Table (benef)
- List of spec area chosen
- Histogram (benef type)
- Radar (spec)
- KPIs (ratio par population, Gdp etc.)

Synergy H2020-ERDF

- Distrib between ERDF and H2020
- Spec Radar gathering H2020-ERDF and spec areas
- List of benef participating in H2020-ERDF
- etc.

European Commission

H2020/ERDF dashboards

1. Territorial information

KPIs	Map	Regional benchmarking

2. Thematic & Specialisation information

Loc quotient (view 1)	Loc quotient x 2 (KET + SGC) (view 2)

Distribution of funding (H2020 or cat of intervention)

3. Beneficiaries information

Distribution by type of benef/NACE	Participation intensity

List of beneficiaries

Synergy dashboard (forthcoming)

1. Territorial information

KPIs	Map	H2020+ERDF histograms

2. Thematic & Specialisation information

Loc quotient (view 1) H2020+ERDF	Loc quotient (view 2) superposition H2020 + ERDF

3. Beneficiaries information

Distribution by type of benef	Participation intensity

List of beneficiaries

Main features

- Comparison of territorial information and indicators on
  - EC projects funding information (ERDF and H2020) at NUTS 2 level
  - Specialisation indicators in the main technological (KETs) & policy areas (Societal grand challenges)
  - Beneficiaries
  - Synergies between H2020 and ERDF

Focus on the taxonomy used

- 6 Key industrial competences as defined in H2020:
  - 4 key enabling technologies (nanotech, adv. material, industrial biotech, adv. manufacturing & proc.)+ ICT and Space
- 7 grand challenges (Health, Agrofood & bioeconomy, Energy, Transport, Environment & climate change, Inclusive society, Security)

 60 % of H2020 funding is channelled through these 13 categories. The taxonomy offers a technological & a policy coverage which can be covered either by H2020 or ERDF

European Commission

Comparison between regions (Funding allocation)
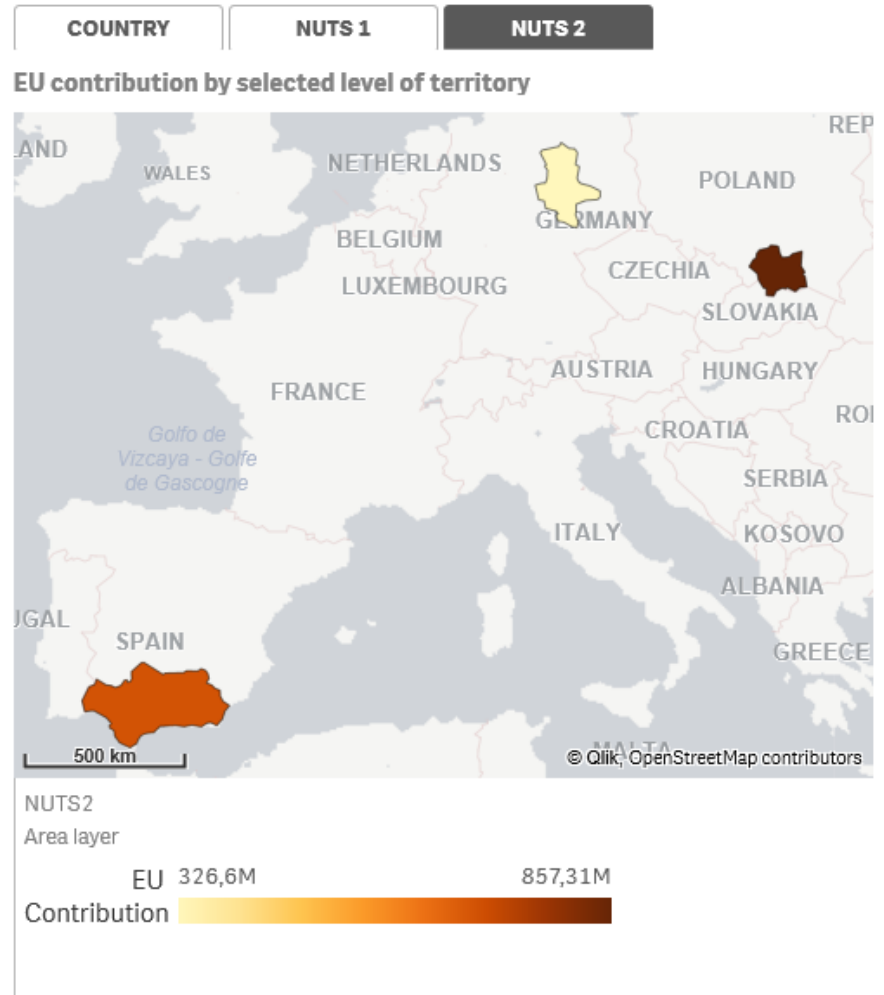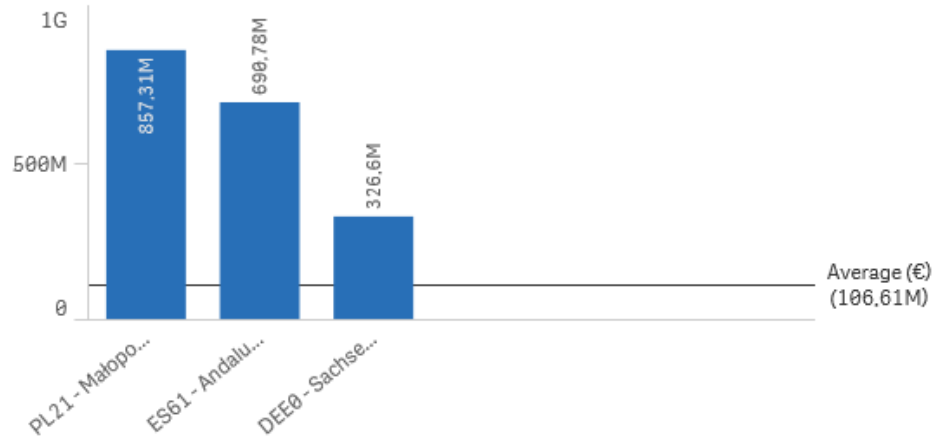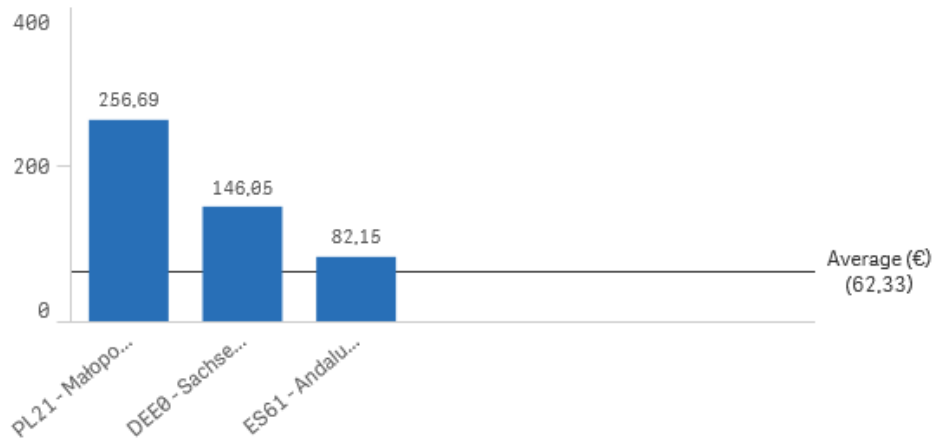
Comparison between regions (Technological areas)
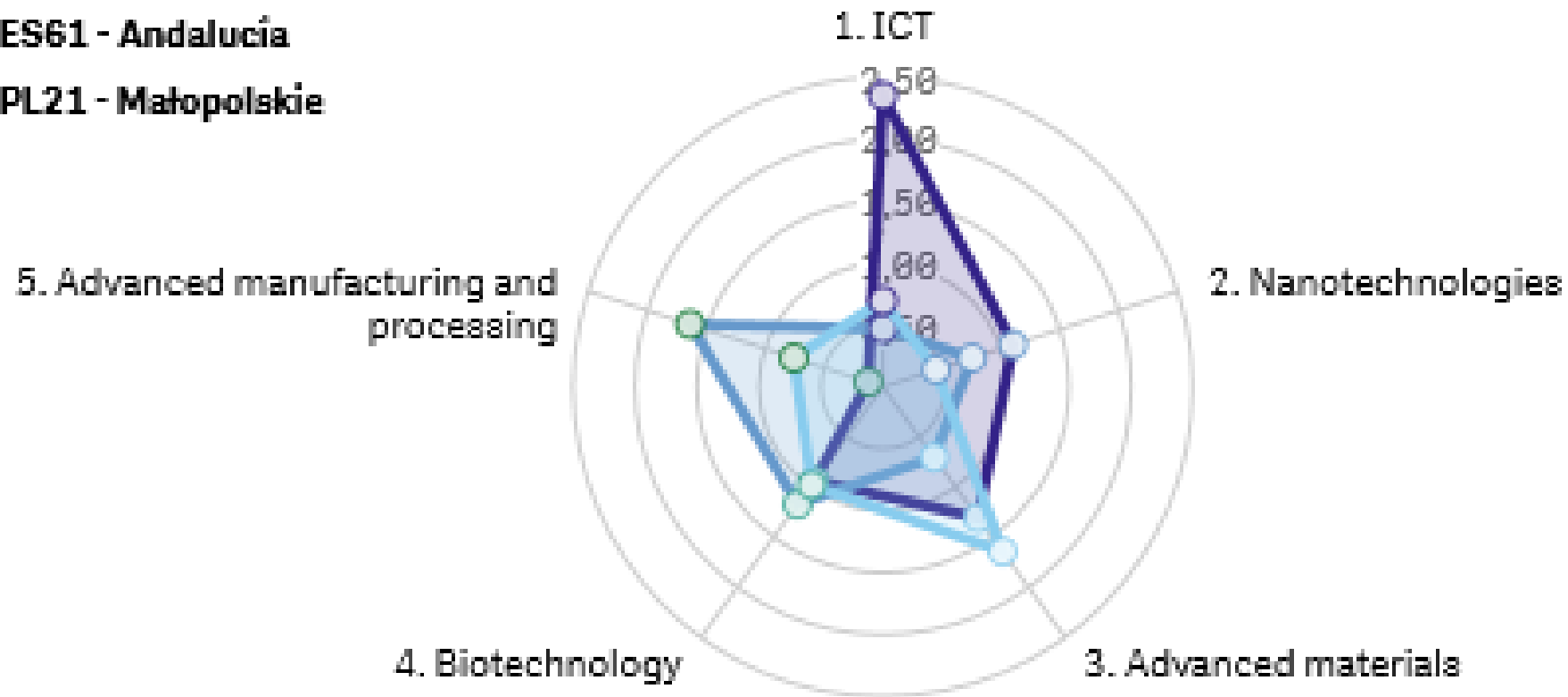
Legend:
- DEE0 - Sachsen-Anhalt
- ES61 - Andalucia
- PL21 - Małopolskie

Chart axes:
- 1. ICT
- 2. Nanotechnologies
- 3. Advanced materials
- 4. Biotechnology
- 5. Advanced manufacturing and processing

Scale: 2.50, 2.00, 1.50, 1.00, 0.50

If LQ(i)<1: the area (i) is under-covered compared to the distribution reference (whole territories participating in H2020)
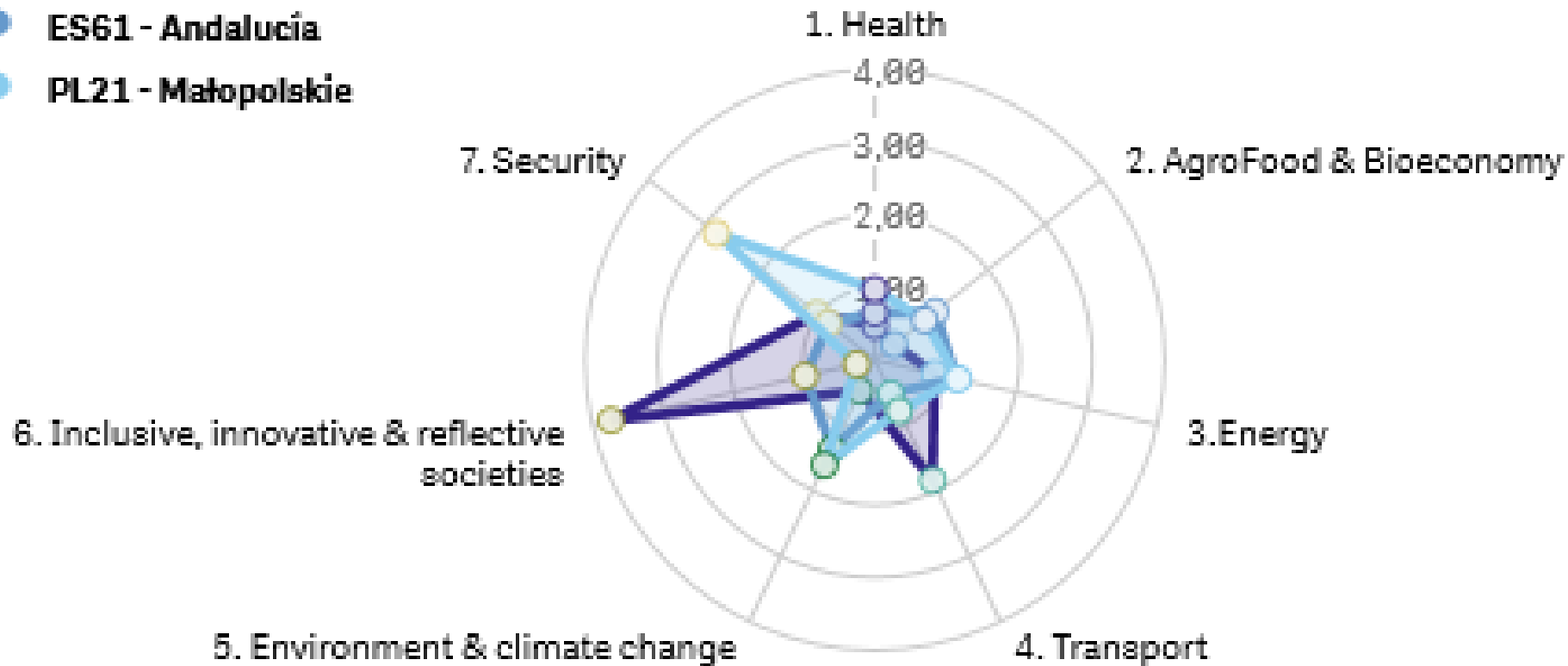
If LQ=1: the coverage correspond to the reference

If LQ>1: the area (i) is over-covered compared to the reference (specialisation sign)
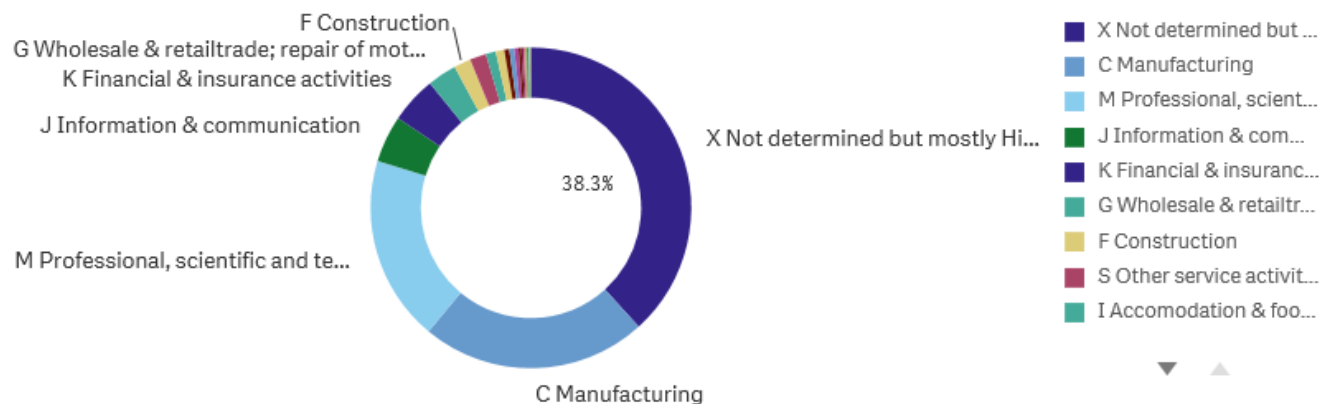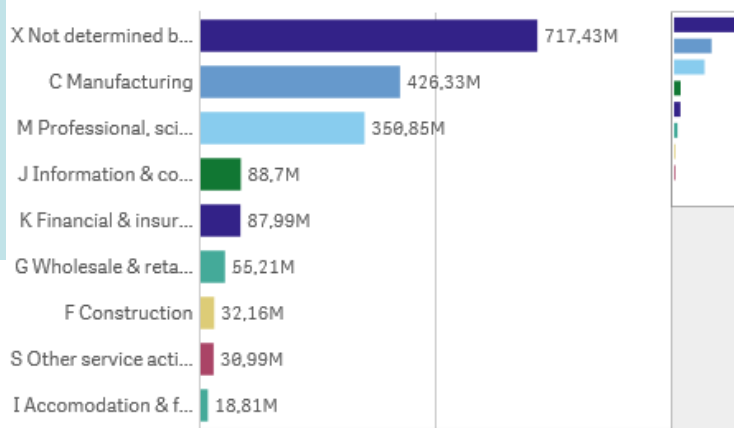
NOT A PERFORMANCE INDICATOR

Comparison between regions (policy areas)

Legend:
- DEE0 – Sachsen-Anhalt
- ES61 – Andalucia
- PL21 – Małopolskie

Radar chart axes:
1. Health
2. AgroFood & Bioeconomy
3. Energy
4. Transport
5. Environment & climate change
6. Inclusive, innovative & reflective societies
7. Security

Scale: 4,00 / 3,00 / 2,00 / 1,00

- If LQ(i)<1: the area (i) is under-covered compared to the distribution reference (whole territories participating in H2020)

- If LQ=1: the coverage correspond to the reference

- **If LQ>1: the area (i) is over-covered compared to the reference (specialisation sign)**

- **NOT A PERFORMANCE INDICATOR**

Beneficiaries information

Let's try!!

H2020 & ERDF dashboards (online from April 2020):

https://s3platform.jrc.ec.europa.eu/synergies-tool