Session 1. Ex-ante and Ex-post Evaluations to Support Policy Development

Experience of Centro (Portugal)

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European Commission

Centro (PT16)

Cohesion criteria
- 2014-2020: Less developed region
- 2021-2027: Less developed region

Regional Innovation Scoreboard 2021 (EC, 2021)
- Moderate Innovator -
- Score (2021): 0.424
- Change (2014-2021): ↑ 8%

Regional Competitiveness Index 2019 (EC)
- Develop. stage: lowest + (2/5)
- Rank: 197/268

R&D performance (Eurostat, 2019):
- Total R&D expenditure: 546 Euro Million
- R&D expenditure (% GDP): 1.36%

R&I funds (2014-2020) [1]

Cum. ESIF R&D per capita
635.63

Cum. EU H2020 per capita
90.47

TEDv comparison indicators for Centro (PT) ▼

% total R&D expenditure
37.00%

% total R&D expenditure
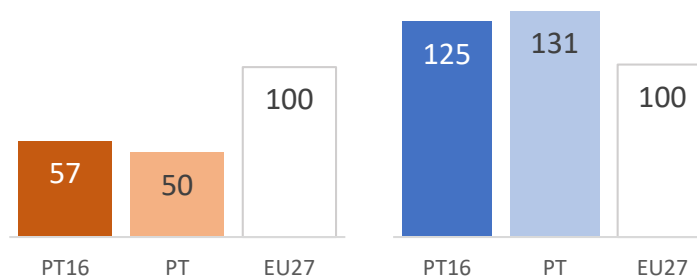### 5.27%

(Average contribution of ESIF-TO1 for total R&D)

(Average contribution of H2020 for total R&D)

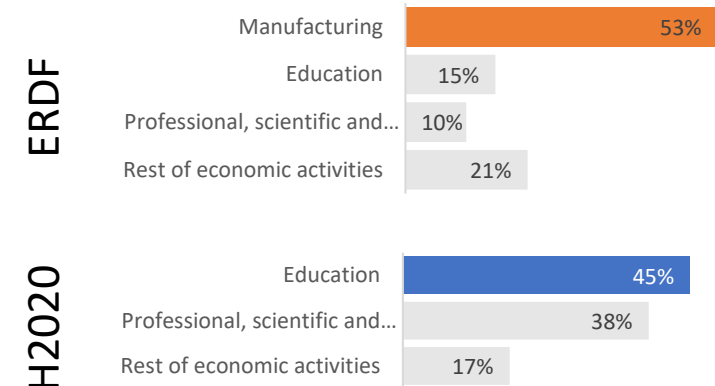## Concentration index of R&I funds in climate change projects (2014-20) [2]
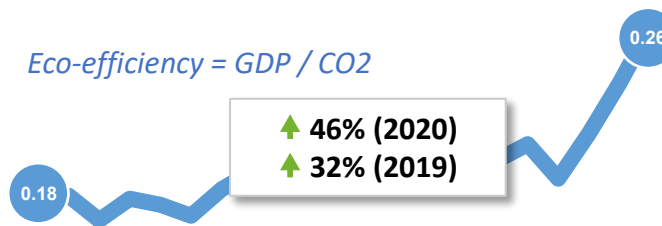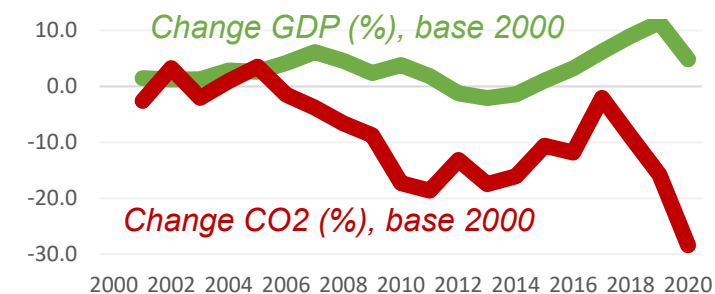
ERDF – TO1 (R&I)	H2020

The index measures concentration, where EU27 = 100 and for the other territories it expresses their specialisation patterns (= share of funds in climate change projects in a territory over the average of this share in the EU27 x 100). Values higher than 100 indicates a concentration face EU reference

R&I funds sectorial concentration 2014-2020 [1]

Change in GDP and CO2 emissions (%), base 2000 [3, 4]
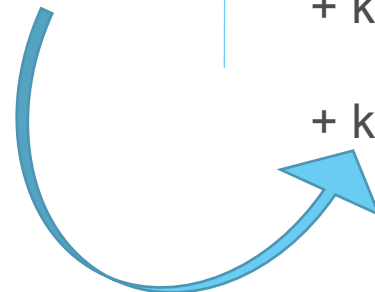

Change GDP (%), base 2000

Change CO2 (%), base 2000

Eco-efficiency = GDP / CO2

↑ **46% (2020)**
↑ **32% (2019)**

Source: [1] Territorial Economic Data viewer (TEDv), [2] JRC-B7 TEDAM team, [3] Eurostat and [4] JRC-EDGAR

Description of Monitoring and Evaluation System

Centro Regional Dynamics Observatory

For what?

- Aims to follow up, monitor and evaluate the regional dynamics and public policies (namely, European Funds)

- Allows the analysis of the conditions of the context in which public policies take place

- Anticipate development trends in the Region

+ qualification of the public debate on economic and social issues in the region

+ perception of the link between public policies and structural and cyclical transformations

+ definition of strategies to improve competitiveness and cohesion

+ knowledge of the needs of private investment

+ knowledge of the needs of public investment

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Description of Monitoring and Evaluation System

Centro Regional Dynamics Observatory - Follow up, monitor and evaluate the regional dynamics – How?

- Stimulating and organizing initiatives of analysis and strategic reflection on the region's economic, social and territorial development:
  - development the region's strategic planning;
  - maintenance of an information system with a wide range of indicators that allow the statistical characterization of the region (context analysis)

- Monitoring the region's progress (Barometer Centro of Portugal

- Following the short-term evolution of the Centro Region (Quarterly Bulletin)

- Development of thematic studies in areas with regional relevance (regional studies)

- Monitoring the implementation of public policies and analyzing the application of structural funds in the Centro region
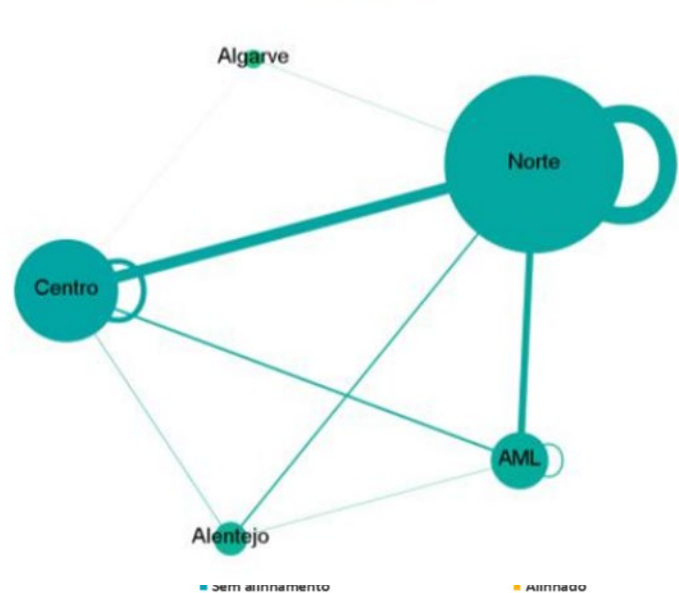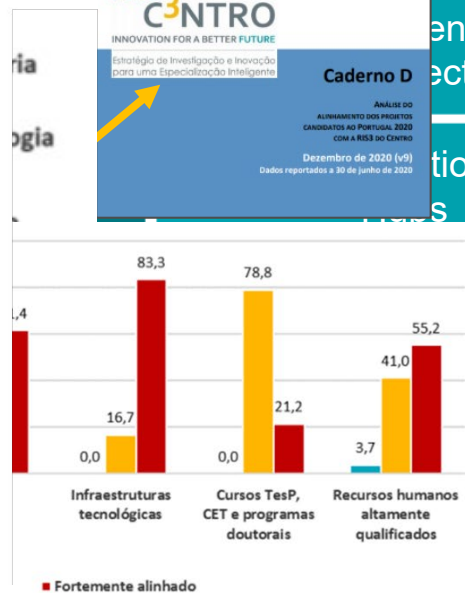
- **Monitoring of the implementation and operationalization of Centro S3**

Description of Monitoring and Evaluation System

Centro S3 monitoring system
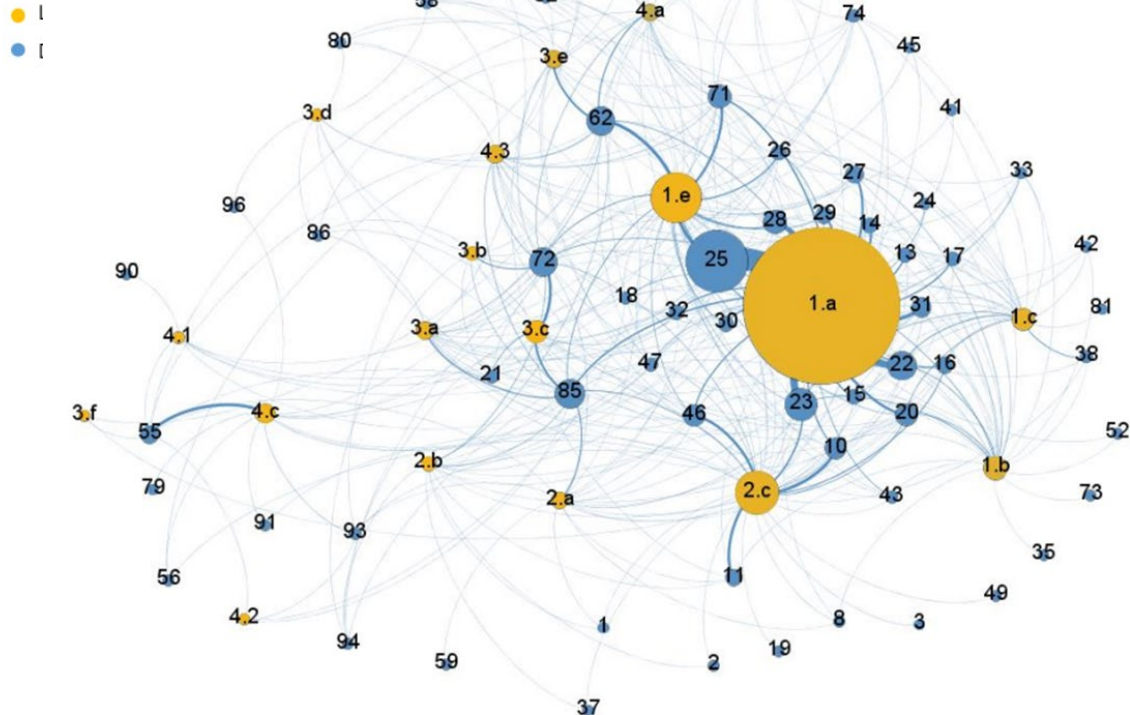

Regional networks in approved Mobilizing Projects

Level of alignment with Centro S3 of projects approved

ris3.ccdrc.pt

- Instrument for regular monitoring of the implementation of Centro S3

- Allows an in-depth knowledge about the alignment of the projects submitted to PT2020 with S3 (approved and submitted, structure dynamics and trends revealed on the demand side for funds)

  - Analysis by regional priorities, typology of instruments, economic activity, network analysis

  - Analysis of the networks created in the context of Mobilising Projects – distinctive R&D collaborative projects that foster an effective knowledge transfer and exploit of R&D results through a deep collaboration between different companies and entities from the research and innovation system.

- Biannual publication (annual since December 2020)

- 1st edition: december 2016

- Latest edition: n.º 11 (december 2021)

Centro RIS3' team (31/12/2021) = 9.618
Approved projects (31/12/2021) = 4.304

Description of Monitoring and Evaluation System

Centro S3 monitoring system

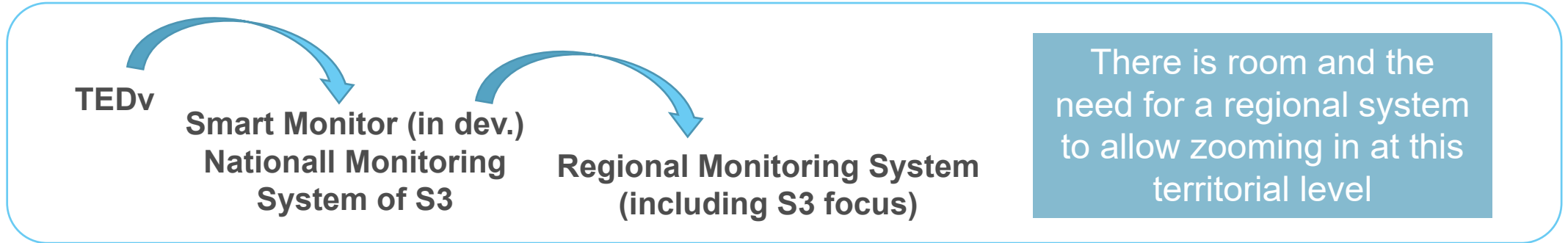- Linhas de ação da RIS3 do Centro
- Atividade económica

- ▪ Focus on relationships and connections between various elements – Regional S3 Lines of Action and Domains, Regional S3 Lines of Action and National S3 priorities, Regional S3 Lines of Action and Economic Activities, …

- ▪ Universe of submitted projects aligned with RIS3 until 31/12/2020
  - ▪ 5.603 applicants
  - ▪ 3.202 approved projects

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Further development
How to go beyond Smart Specialisation approach?

TEDv

Smart Monitor (in dev.)
Nationall Monitoring
System of S3

Regional Monitoring System
(including S3 focus)

There is room and the need for a regional system to allow zooming in at this territorial level

What's on the agenda at regional level? Improving our monitoring system, namely through the use of new digital tools (AI, text mining, etc) making it more comprehensive.

How to go beyond?

• Sophisticate the monitoring system allowing a broad vision through different analytical perspectives.

• Gather as much quantitative and qualitative data as possible.

   • Closely follow the (new) dynamics emerging in the territory.

• Make the information publicly available and promote it's wide use to foster change.

• Monitor international dynamics (the ones the region is involved in and the networks that are critical regarding the regional S3 priorities defined).

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Links

http://www.ccdrc.pt/index.php?option=com_docman&view=download&alias=5300-visao-estrategica-regiao-centro-2030&category_slug=2020&Itemid=739

http://datacentro.ccdrc.pt/

http://www.ccdrc.pt/index.php?option=com_content&view=article&id=2613&Itemid=839

http://www.ccdrc.pt/index.php?option=com_ccnewsletter&view=newsletterarchive&Itemid=227

http://www.ccdrc.pt/index.php?option=com_content&view=article&id=3068&Itemid=843

Regional Studies
http://www.ccdrc.pt/index.php?option=com_content&view=category&id=632&Itemid=231

https://ris3.ccdrc.pt/

RIS3 monitoring system
https://ris3.ccdrc.pt/index.php/monitorizacao

RIS3 network analysis
https://ris3.ccdrc.pt/index.php/ris3-documentacao/regional/analise-de-redes-aplicada-a-ris3-do-centro-2014-2020-dados-reportados-a-dezembro-de-2020/viewdocument

https://ris3.ccdrc.pt/index.php/ris3-documentacao/regional/caderno-d-a-analise-do-alinhamento-dos-projetos-candidatos-ao-portugal-2020-com-a-ris3-do-centro-2014-2020-julho-de-2021-dados-reportados-a-31-de-dezembro-de-2020/download

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THANK YOU!

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