# National-Regional RIS3 monitoring harmonisation in Spain

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# Some information….

- Kingdom of Spain
- Parlamentary Monarchy
- Central Goverment: two cameras
- 17 Autonomous Regions + 2 Autonomous cities
  - Autonomus Parlaments
- *46 million inhabitants*
- *Spain is the 2nd european country on size within EU*

# Some information….

## Evolution of Regional budget for RDI (2005/2014)

| Comunidades autónomas | 2005 | 2006 | 2007 | 2008 | 2009[1] | 2010 | 2011 | 2012[2] | 2013 | 2014 |
|---|---|---|---|---|---|---|---|---|---|---|
| Andalucía | 0,84 | 0,89 | 1,02 | 1,03 | 1,10 | 1,21 | 1,15 | 1,05 | 1,04 | 1,03 |
| Aragón | 0,79 | 0,87 | 0,90 | 1,03 | 1,12 | 1,13 | 0,95 | 0,93 | 0,90 | 0,91 |
| Asturias (Principado de) | 0,70 | 0,88 | 0,92 | 0,97 | 1,01 | 1,06 | 0,96 | 0,89 | 0,86 | 0,80 |
| Balears (Illes) | 0,27 | 0,29 | 0,33 | 0,36 | 0,38 | 0,43 | 0,36 | 0,34 | 0,33 | 0,32 |
| Canarias | 0,58 | 0,65 | 0,64 | 0,63 | 0,59 | 0,63 | 0,58 | 0,51 | 0,50 | 0,46 |
| Cantabria | 0,45 | 0,79 | 0,88 | 1,01 | 1,17 | 1,23 | 1,08 | 0,98 | 0,91 | 0,83 |
| Castilla y León | 0,89 | 0,97 | 1,10 | 1,27 | 1,15 | 1,11 | 1,03 | 1,12 | 0,99 | 0,98 |
| Castilla-La Mancha | 0,41 | 0,47 | 0,60 | 0,72 | 0,63 | 0,69 | 0,70 | 0,64 | 0,53 | 0,51 |
| Cataluña | 1,35 | 1,42 | 1,48 | 1,62 | 1,70 | 1,66 | 1,56 | 1,51 | 1,50 | 1,47 |
| Comunitat Valenciana | 0,98 | 0,95 | 0,95 | 1,05 | 1,11 | 1,07 | 1,03 | 1,01 | 1,02 | 1,02 |
| Extremadura | 0,68 | 0,72 | 0,74 | 0,86 | 0,90 | 0,88 | 0,84 | 0,77 | 0,76 | 0,67 |
| Galicia | 0,87 | 0,89 | 1,03 | 1,04 | 0,94 | 0,94 | 0,93 | 0,87 | 0,86 | 0,87 |
| Madrid (Comunidad de) | 1,81 | 1,96 | 1,92 | 2,02 | 2,05 | 2,05 | 1,98 | 1,82 | 1,75 | 1,68 |
| Murcia (Región de) | 0,73 | 0,76 | 0,91 | 0,86 | 0,87 | 0,92 | 0,84 | 0,83 | 0,84 | 0,86 |
| Navarra (Comunidad Foral) | 1,68 | 1,91 | 1,88 | 1,94 | 2,19 | 2,04 | 2,08 | 1,91 | 1,79 | 1,75 |
| País Vasco | 1,48 | 1,58 | 1,87 | 1,98 | 2,13 | 2,03 | 2,11 | 2,19 | 2,09 | 2,03 |
| Rioja (La) | 0,66 | 1,04 | 1,16 | 1,01 | 1,08 | 1,07 | 1,02 | 0,87 | 0,79 | 0,91 |
| Ceuta y Melilla | 0,13 | 0,36 | 0,20 | 0,20 | 0,22 | 0,12 | 0,11 | 0,11 | 0,09 | 0,09 |
| Total | 1,12 | 1,20 | 1,27 | 1,35 | 1,39 | 1,39 | 1,33 | 1,30 | 1,24 | 1,23 |

Source: INE, Estadística sobre actividades de I+D / elaborated by FECYT

# Strategic framework

Act 14/2011,  Science, Technology and Innovation

Council for Scientific, Technological and Innovation Policy  (State+Regions)

Spanish Strategy for Science and Technology and Innovation (EECTI) 2013-2020

R&D&I State Plans and Regional Plans

# Strategic framework



ESTRATEGIA ESPAÑOLA
DE CIENCIA Y TECNOLOGÍA
Y DE INNOVACIÓN
2013-2020

❏ National Strategy, approved and adopted by central and regional governments

    ❏ Common objectives, challenges, instruments and indicators
    ❏ Research and Innovation agents involved in the definition process

❏ **National RIS3**

To be developed through State RDI Plans and Regional RIS3 and Programs

# Strategic framework

National RIS3

Challenge oriented

Excellence

Industrial Leadership R&I

EECTI as National RIS3 / R&I State Plans 2013-2016 & 2017-2020
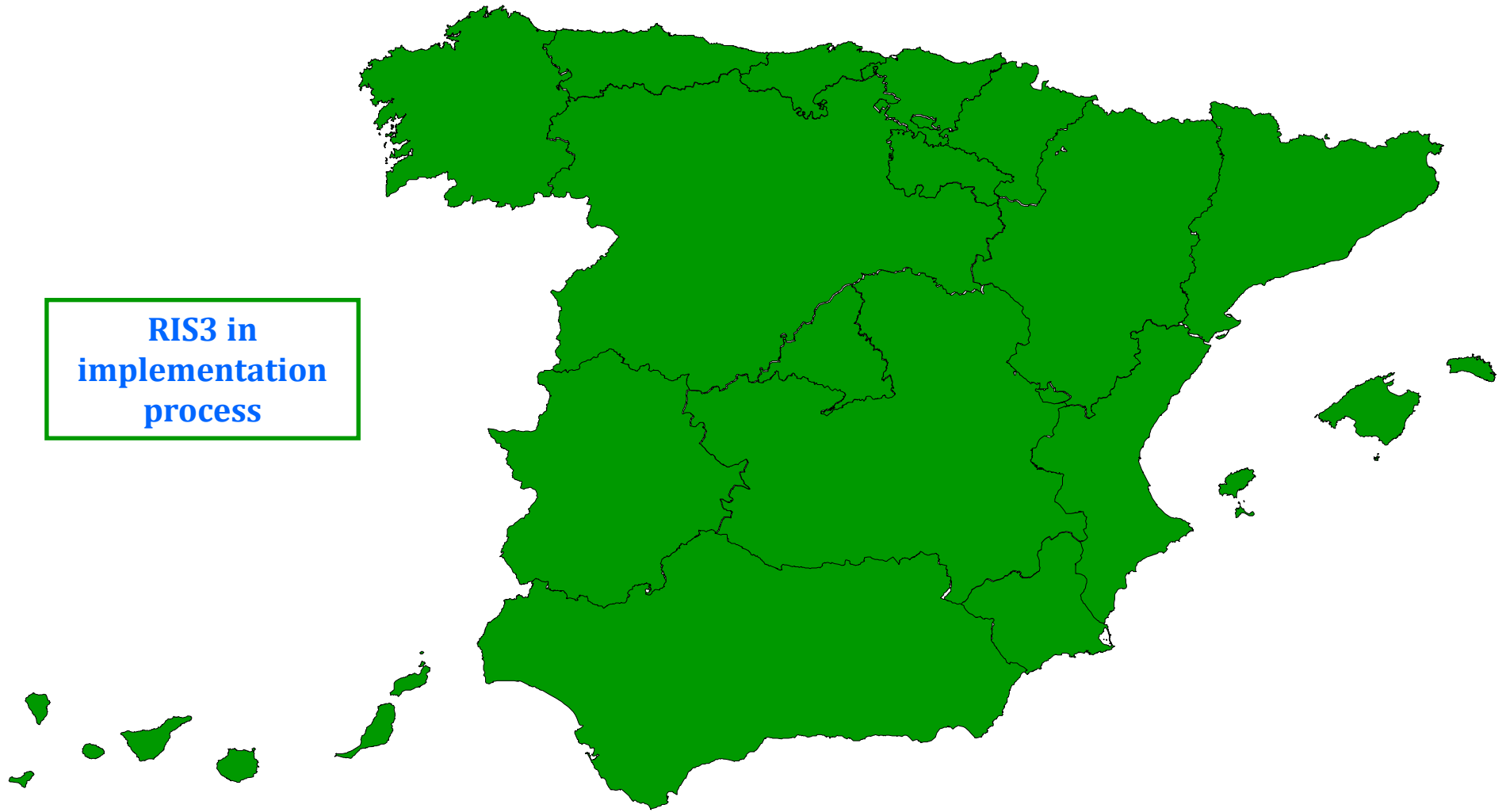
R&I Regional PlansI+D+I / Regional RIS3

**RIS3 Coordination** in the period 2014-2020

Synergies, critical mass and complementarieties

**Regional priorities** are included in the **National priorities**

# RETOS SOCIALES EECTI     LIDERAZGO EMPRESARIAL

| HORIZON 2020 WP 2014-2015 | Salud, cambio demográfico y bienestar | | | | | | | Seguridad y calidad alimentaria; actividad agraria productiva y sostenible /…/ | | | Energía segura, sostenible y limpia | | | Transporte inteligente, sostenible e integrado | | | | | | | | | | Acción sobre el cambio climático y eficiencia en la utilización de /…/ | | | Cambios e innovaciones sociales | | | Seguridad, protección y defensa | | | Economía y sociedad digital | | | | KETs | | | | | Espacio | Turismo | Industrias creativas | Deportes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | PHC1-3 | PHC4-9 | PHC10-12 | PHC13-18 | PHC19-22 | PHC23-29 | PHC30-34 | CFS | BG | ISIB | EE | LCE | SCC | MG | MG1 | MG2 | MG3 | MG4 | MG5 | MG6 | MG7 | MG8 | GV | WASTE | WATER | SC5 | REFLECTIVE | INT | INSO | DRS | BES | DS | ICT5-14 | ICT15-22 | ICT23-24 | ICT25-29 | NMP | BIOTEC | FoF | EeB | SPIRE | | | | |
| RIS3 Andalucía | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RIS3 Aragón | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RIS3 Canarias | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RIS3 Cantabria | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RIS3 CLM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RIS3 CyL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RIS3 Cataluña | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RIS3 C.Valenc. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RIS3 Extremad. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RIS3 Galicia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RIS3 I. Balears | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RIS3 La Rioja | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RIS3 Madrid | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RIS3 Navarra | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RIS3 País Vasco | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RIS3 P. Asturias | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RIS3 R. Murcia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

# Strategic framework

RIS3 in implementation process

# Current status on RIS3 Monitoring activities

☐ PAID (automated platform for data integration)

  ☐ Instrument that allows the integration and explotaition of information on RDI activities both from State and Regional Administrations to facilitate the analysis and monitoring of the Research and Innovation Programs

  ☐ It covers national and regional competitive and direct funding instruments

    ☐ Regions that have participate in this activity are: Canarias, Baleares, Castilla la Mancha, Castilla y León, Com. Valenciana, Cantabria, Asturias, Madrid, and the National Adminstration.

  ☐ Contents homogeneous, consolidated and explotable information for the monitoring of the EECTI and the Regional Plans

  ☐ Ease the monitoring of State Plan the annual programs

❑ **Spanish Network for Research, Development and Innovation**

❑ The Operation Programme of Intelligent Growth (POCint) 2014-2020, foresee the Thematic Networks as key element for coordination and optimal management of the Cohesion Policy Funds between the different agents and for the promotion of synergies, exchange of best practices

  ❑ The RDI Network is the meeting point of all agents and entities whose mission is the improvement of research and innovation in Spain, being supported both from the State and the Regional administrations

    ❑ Main responsabilities:

      ➢ Optimize the desing, implementation and development of the current and future frameworks, helping to a better use of the Structural Funds
      ➢ To promote the innovation in spanish system
      ➢ To support the system for the fulfilment of the objectives of the Spanish Strategy for Science, Technology and Innovation

# Current status on RIS3 Monitoring activities

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**STRATEGIC AXIS 2017-2023**

**AXIS I I: R&D&I POLICY COORDINATION , IMPLEMENTATION AND SYNERGIES**

**AXIS II: MONITORING AND EVALUATION OF R&D&I POLICIES COFUNDED WITH EARDF**

**AXIS III: INFORMATION EXCHANGE, DISSEMINATION AND PROMOTION**

# Current status on RIS3 Monitoring activities

## Monitoring

- Regional RIS3 implementation
- Regional and State OPs development
- Performance framework 2018 and 2023

## Evaluation

- EARDF Evaluation Plan  2014-2020
- RIS3 and Spanish Strategy for Science, Technology and Innovation
- Other evaluations
- Lessons learned

# Current status on RIS3 Monitoring activities

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│ MONITORING (RIS3, TO1  of    │ EVALUATION (RIS3,        │
│ Programs, Performance        │ SPANISH STRATEGY,        │
│ Framework, Indicators…)      │ T01, Programs)           │
└──────────────────────────────┘─────────────────────────┘
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❑ Working Group on monitoring: This group will share and analyze the methods and common aspects of the  different administrations.

   ❑ Monitor of the implementation of the regional RIS3, scope, level of implementation, elements which favour or prevent their development, indicators, etc.

   ❑ Monitor of the implementation of the National and Regional Operating Programs

   ❑ Monitor of the Perfomance Framework of EARDF Programs: intermediate evaluation

# Current status on RIS3 Monitoring activities

❑ **Act 14/2011, Science, Technology and Innovation**

   ❑ Article 11. Science, Technology and Innovation Information System (SICTI)

      ❑ Instrument for monitoring of the Spanish Strategy for Science and Technology and Innovation (EECTI 2013-2020)

      ❑ Homogeneous and unified system for General and Regional administrations

      ❑ Articulated with the regional systems to ease the coordination and robustness of the systems

# Current status on RIS3 Monitoring activities

❑ Executive Commission: Delegate Group for SICTI, with representatives from State and Regional Ministries

  ❑ The first meeting of the Group will be held in July, to set the main action lines

  ❑ From September onwards monthly meetings are going to be organised for definition of the SICTI variables and indicators

  ❑ Also in September starts the development of CRIS (Current Research Information System). In the first phase, data from all participating institutions will be loaded

- **Final conclusions**

  - ➢ **Relevance of monitoring activities**
    - ➢ **Article 11 of the Science Act**
  - ➢ **Multilevel governance instruments**
    - ➢ **Council for RDI Policies**
    - ➢ **Spanish Network for RDI**
  - ➢ **Already tested platform**
    - ➢ **PAID**
  - ➢ **Technical difficulties exist, but**
  - ➢ **Need of political support at the highest level**

# *Thanks a lot for your attention*

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