Policy Objective 1
ERDF/CF Indicators

#CohesionPolicy
#EUinmyRegion
#ESIFOpendata
Indicators in PO1
## PO1 A smarter Europe by promoting innovative and smart economic transformation

<table>
<thead>
<tr>
<th>Specific Objective</th>
<th>Outputs</th>
<th>Results</th>
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</table>
| **1.i Enhancing research and innovation capacities and the uptake of advanced technologies** | RCO 01 - Enterprises supported (of which: micro, small, medium, large)  
RCO 02 - Enterprises supported by grants  
RCO 03 - Enterprises supported by Fis  
RCO 04 - Enterprises with non-financial support  
RCO 05 - Start-ups supported  
RCO 06 - Researchers working in supported research facilities  
RCO 07 - Research institutions participating in joint research projects  
RCO 08 - Nominal value of research and innovation equipment  
RCO 10 - Enterprises cooperating with research institutions | RCR 01 - Jobs created in supported entities  
RCR 02 - Private investments matching public support (of which: grants, Fis)  
RCR 03 - SMEs introducing product or process innovation  
RCR 04 - SMEs introducing marketing or organisational innovation  
RCR 05 - SMEs innovating in-house  
RCR 06 - Patent applications submitted to EPO  
RCR 07 - Trademark and design applications  
RCR 08 - Public-private co-publications |
| **1.ii Reaping the benefits of digitisation for citizens, companies and governments** | RCO 12 - Enterprises supported to digitise their products and services  
RCO 13 - Digital services and products developed for enterprises  
RCO 14 - Public institutions supported to develop digital services and applications | RCR 11 - Users of new public digital services and applications  
RCR 12 - Users of new digital products, services and applications developed by enterprises  
RCR 13 - Enterprises reaching high digital intensity  
RCR 14 - Enterprises using public digital services |
| **1.iii Enhancing growth and competitiveness of SMEs** | RCO 15 - Capacity of incubation created | RCR 16 - High growth enterprises supported  
RCR 17 - 3-year old enterprises surviving in the market  
RCR 18 - SMEs using incubator services one year after the incubator creation  
RCR 19 - Enterprises with higher turnover  
RCR 25 - Value added per employee in supported SMEs |
| **1.iv Developing skills for smart specialisation, industrial transition and entrepreneurship** | RCO 16 - Stakeholders participating in entrepreneurial discovery process  
RCO 17 - Investments in regional/local ecosystems for skills development  
RCO 101 - SMEs investing in skills development  
RCO 102 - SMEs investing in training management systems | RCR 24 - SMEs benefiting from activities for skills development delivered by a local/regional ecosystem  
RCR 97 - Apprenticeships supported in SMEs  
RCR 98 - SMEs staff completing Continuing Vocational Education and Training (CVET) (by type of skill: technical, management, entrepreneurship, green, other)  
RCR 99 - SMEs staff completing alternative training for knowledge intensive service activities (KISA) (by type of skills: technical, management, entrepreneurship, green, other)  
RCR 100 - SMEs staff completing formal training for skills development (KISA) (by type of skills: technical, management, entrepreneurship, green, other) |
Specific Objective 1.i
Enhancing research and innovation capacities and the uptake of advanced technologies
RCO01 - Enterprises supported (of which: micro, small, medium, large)

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Number MS: 16

- **Name**: *number of, ERDF, CF*
- **Disaggregation**: *administrative burden*
- **Use in specific objectives**
- **Use with other enterprise indicators (RCO02 etc)**
- **Definition of enterprise**: *state aid, non-profit*
- **Double counting**: *SO and OP levels*
- **Time measurement**: *what is completion?*
RCO02 - Enterprises supported by grants

Number MS: 16

- Disaggregation: *none!*
- Definition:
  - *conditional upon completion?*
  - *add partner enterprises?*
- Double counting: *OP level?*
- Time measurement: *link to final payment?*
**RCO03 - Enterprises supported by financial instruments**

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- Use with other common indicators (*RCO01 etc*)
- Data collection: *bank confidentiality?*
- Definition: *list types of FIs?*
- Double counting: *time-consuming?*
- Time measurement: *moment of payment?*
RCO04 - Enterprises with non-financial support

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- Use with other common indicators (*RCO01 etc*)

- Definition:
  - list of activities? one-off contacts, phone calls?
  - counts partners in projects?
  - too broad as enterprises not beneficiaries?

- Double counting: *more difficult*

- Time measurement: *what is completion here?*
RCO05 – Start-ups supported

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- **Name:** *start-ups, new, or young?*
- **Brief definition:** *created by ERDF?*
- **Use with other common indicators** (*RCO01, RCO04 ?*)
- **Definition:**
  - *up to 3 years old when?*
  - *Flexibility: lower time limits?*
- **Data source:** *public registries?*
RCO06 – Researchers working in supported research facilities

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- **Definition:**
  - new jobs included? overlap with RCR01?
  - temporary positions, permanent?
  - researchers or R&D personnel?
  - what is research facility?
  - calculation of FTEs

- Type of indicator: output or result?
- Double counting: does not make sense (FTEs)
- Time measurement: what is project completion?
- Examples: would be useful
RCO07 – Research institutions participating in joint research projects

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• Use with other common indicators: RCO06?

• Definition:
  - why research institutions?
  - cooperation shorter than project duration?
  - contracting/ sub-contracting?

• Double counting:
  - at project level (for partners)?
  - trans-regional cooperation?

• Time measurement: what is project completion?
RCO08 – Nominal value of research and innovation equipment

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- **Use:** when should the indicator be used?
- **Definition:**
  - what is nominal value?
  - new equipment?
  - exchange rate?
  - eligible costs?
- **Double counting:** does not make sense
- **Time measurement:** when procured and in operation?
RCO10 – Enterprises cooperating with research institutions

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• Definition:
  • count partners in projects?
  • cooperation for project duration?

• Double counting: not all enterprises are beneficiaries

• Time measurement: exit from project?
RCO96 – Interregional investments in EU projects

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- **Code:** same as ETC RCO96
- **Name:**
  - value of interregional investments?
  - investments in EU innovation projects?
- **Definition**
  - define relevance at EU level?
  - eligibility rules? type of projects?
  - projects within or across countries?
  - ETC specific of interregional investments not in ERDF?
- **Double counting:** does not make sense?
RCR01 – Jobs created in supported entities

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- **Definition:**
  - line of activity?
  - new jobs in supported projects?
  - direct link to support?
  - different for R&I?
  - method of calculation?

- **Time measurement:**
  - 2-3 years after project completion?
  - different for R&I

- **Data source:** surveys, registries

- **Examples:** for R&I
RCR02 – Private investments matching public support (of which: grants, financial instruments)

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- Disaggregation: separate indicators?
- Definition: non-eligible costs? VAT?
- Time measurement:
  - one year after project completion?
  - for financial instruments?
- Examples: non-eligible co-financing and how to verify it
RCR03 – SMEs introducing product or process innovation

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- State aid: *not allowed if close to market?*
- Name: *SMEs or enterprises? add services?*
- Definition:
  - *why distinguish innovation types (RCR04)?*
  - *how is innovation proved?*
- Double counting: *several innovations?*
- Time measurement: *one year not enough? project completion?*
RCR04 – SMEs introducing marketing or organizational innovation

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• Definition:
  - marketing and organisational same as process innovation (RCR03)?
  - explain distinction from RCR05 (external dimension)
RCR05 – SMEs innovating in-house

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- **Definition:**
  - *innovation activities instead of R&I (mismatch between message and definition)*
RCR06 – Patent applications submitted to European Patent Office

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Number MS: 16

- **Name:** *why just EPO?*
- **Definition:**
  - *all patent offices considered?*
  - *submission of application or registration?*
- **Double counting:** *not applicable?*
- **Time measurement:**
  - *lag in patent submission? earlier submission?*
  - *difficult to follow*
• Definition:
  - D&T approved or submitted?
  - intended D&T?

• Double counting: not applicable?

• Time measurement: more than one year?
• Projects market oriented: *occasional publications*

• Name: *why only public-private? co-publications?*

• Double counting: *difficult?*
Specific Objective 1.ii

*Reaping the benefits of digitalisation for citizens, companies and governments*
RCO12 – Enterprises supported to digitise their products and services

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- How does it differ from RCO01?
- Definition:
  - *does digitisation imply innovation?*
  - *what is digital innovation?*
RCO13 – Digital services and products developed for enterprises

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Number MS: 15

- **Name**: processes should be included
- **Measurement unit**: not robust? stand-alone digital applications?
- **Type indicator**: result?
- **Definition**:
  - What are digital processes?
  - Third parties?
  - Improved or updated digital applications?
- **Double counting**: not applicable
RCO14 – Public institutions supported to develop digital services and applications

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**Number MS: 15**

- **Name:** *digital processes, services and applications?*
- **Alternatives:**
  - *value of digital services and applications*
  - *Number of new services and digital applications ... by public institutions*
- **Definition:**
  - *include subordinate organisational units such as municipal companies?*
  - *updated applications?*
  - *uptake or innovation?*
- **Double counting:** *not applicable*
RCR11 – Users of new public digital services and applications

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- **Name:** new or upgraded (i.e. substantially modified)?
- **Definition:**
  - substantial improvements not counted?
  - users: citizens or staff of public institutions? cannot distinguish individuals from enterprises?
  - different types of users: internal/external?
  - calculation per year?
- **Double counting:** for users, close to impossible? for services and applications?
- **Time measurement:** over one year from completion?
RCR12 – Users of new digital products, services and applications developed by enterprises

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Number MS: 15

- Name: new or upgraded (i.e. substantially modified)?

- Definition:
  - include users of mobile applications?
  - new or upgraded?
  - users: individual and enterprises?

- Double counting: for users, close to impossible? for services and applications?

- Time measurement: over one year from completion?
### RCR13 – Enterprises reaching high digital intensity

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- **Definition:**
  - *target quite modest for advanced economies*
  - *too many conditions to comply with*
  - *difficult to follow up*
  - *only for enterprises which do not meet the criteria a priori*

- **Double counting:** *low risk?*

- **Time measurement:** *all results one year after completion?*

- **Data source:** *surveys?*
RCR14 – Enterprises using public digital services

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Number MS: 14

- Name: *services and applications*?
- Replace by an indicator for all end users (individuals and businesses)?
- Definition:
  - new or upgraded?
  - users: individuals and businesses?
- Double counting: *for users, close to impossible*?
- Time measurement: *over one year after completion*?
- Data source: surveys?
Specific Objective 1.iii

Enhancing growth and competitiveness of SMEs
### RCO15 – Capacity of incubation created

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- **Name:**
  - capacity created or improved?
- **Alternatives:**
  - number enterprises using the incubator?
  - work stations?
- **Measurement unit:** discrepancy with the name?
- **Definition:**
  - mismatch with title (enterprises that can or are supported? – see structured relationship?)
  - distinction from RCO04?
- **Double counting:** not applicable (potential capacity)
RCR16 – High growth enterprises supported

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Number MS: 13

- **Definition**: *high growth before or after implementation?*
- **Target**: *difficult to estimate?*
- **Time measurement:**
  - *why one year after? expected impact on growth?*
  - *consistent with 3-year period for high growth?*
- **Data source**: *surveys, registries?*
RCR17 – 3-year old enterprises surviving in the market

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- Name: *start-ups, new, young (RCO05)?*
- Definition:
  - *when is enterprise age established? (max 3 years when submitting an application, after project completion?)*
  - “on their own” – no more grant or support?
  - “still active” – more than just registered?
  - minimum turnover?
- Target: *difficult to estimate*
- Time measurement: *three years after support?*
RCR18 – SMEs using incubator services one year after the incubator creation

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- Name: *why include duration?*
- Definition:
  - RCO15 compared with RCR18?
  - new or upgraded incubator capacity?
  - annual number?
- Double counting: *difficult to eliminate*?
RCR19 – Enterprises with higher turnover

<table>
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Number MS: 15

- Definition:
  - include minimum level of turnover growth?
  - RCR16 vs RCR19?
  - remove “sustain”?

- Time measurement: data in public registries later than one year? two years?
RCR25 – Value added per employee in supported SMEs

<table>
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Number MS: 15

- **Definition:**
  - averaging not suitable for aggregation
  - No reference (what is “sufficient” added value?)

- **Time measurement:** *three years*?
Specific Objective 1.iv

*Developing skills for smart specialisation, industrial transition and entrepreneurship*
RCO16 – Stakeholders participating in entrepreneurial discovery process

<table>
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Number MS: 16

- **Name:** *institutional stakeholders?*

- **Definition**
  - *who is institutional stakeholder? businesses included?*
  - *how much involvement?*
  - *entrepreneurial discovery?*
  - *subjective, difficult to control?*

- **Double counting:** *filter duplication?*

- **Time measurement:** *when exactly?*
RCO17 – Investments in regional / local ecosystems for skills development

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Number MS: 15

- **Definition:**
  - what is an ecosystem?
  - what type of projects?
  - total investments (public, private, ERDF, national etc)?
  - skills /knowledge/ training ?
  - enterprises included?
  - ESF+ cross-financing?

- Double counting: applicable?
RCO101 – SMEs investing in skills development

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Number MS: 15

• Name:
  - why SMEs?
  - skills for smart specialization?

• Use with other common indicators: RCO001?

• Definition:
  - link with ERDF and eligible costs?
  - delimitation with ESF?
RCO102 – SMEs investing training management systems

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Number MS: 14

- Distinction: *RCO101 vs RCO102?*
- Definition:
  - training management systems?
  - which training eligible?
- Double counting: *projects or SMEs?*
RCR24 – SMEs benefiting from activities for skills development delivered by local/regional ecosystems

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Number MS: 15

- **Type indicator:** why a result?
- **Target:** difficult to estimate if ecosystems unknown?
- **Definition:**
  - scope?
  - annual users of the ecosystem?
- **Double counting:** include SMEs?
- **Data source:** surveys?
RCR97 – Apprenticeships supported in SMEs

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Number MS: 14

- Type indicator: *why a result?*

- **Definition:**
  - *duration of apprenticeship?*
  - *which domain eligible?*
  - *minimum duration for apprenticeship?*

- Double counting: *add?*

- Time measurement: *when apprenticeship over?*
RCR98 – SMEs staff completing Continuing Vocational Education and Training (CVET) (by type of skills: technical, management, entrepreneurship, green, other)

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Number MS: 14

- Combine indicators RCR98, RCR99, RCR100?
- Definition:
  - ESF data collection applicable?
  - why annual number of SME staff?
  - participation or completion?
- Double counting: unique participants?
- Time measurement:
  - one year after completion?
  - when training completed?
RCR99 – SMEs staff completing alternative training for knowledge intensive service activities (KISA) (by type of skills: technical, management, entrepreneurship, green, other)

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Number MS: 14

RCR100 – SMEs staff completing formal training for skills development (KISA) (by type of skills: technical, management, entrepreneurship, green, other)

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Number MS: 14

SIMILAR TO RCR98!
Next meeting
### ERDF and CF Indicators proposed for 2021+

**Note:** Interreg specific indicators with Interact expert group (20 Feb 2019)

<table>
<thead>
<tr>
<th>Policy objective</th>
<th>Specific objectives</th>
<th>Outputs</th>
<th>Results</th>
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<td>PO1 Smart Europe</td>
<td>(i) R&amp;D capacities</td>
<td>10</td>
<td>8</td>
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<tr>
<td></td>
<td>(ii) Digitisation</td>
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<td>4</td>
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<td></td>
<td>(iii) SMEs</td>
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<td>(iv) Skills for smart specialisation</td>
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<td><strong>Total PO1</strong></td>
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<td>PO2 Green Europe</td>
<td>(i) Energy efficiency</td>
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<td>(ii) Renewable energy</td>
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<td>(iii) Smart grids</td>
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<td>(vi) Circular economy</td>
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<td>(ii) TEN-T</td>
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<td>(iii) Other than TEN-T</td>
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<td>(iv) Multimodal urban mobility</td>
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<td>(i) Labour markets infrastructure</td>
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<td>(ii) Inclusive education</td>
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<td>(iii) Integration - housing and social</td>
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<td>(iv) Health infrastructure</td>
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<td>PO5 Closer Europe</td>
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Indicators PO2 (Feb-Mar)

- 1 Feb: 6 Feb Definitions PO2
- 22 Feb: MS replies PO2
- 28 Feb: 7-8 March EN Meeting PO2