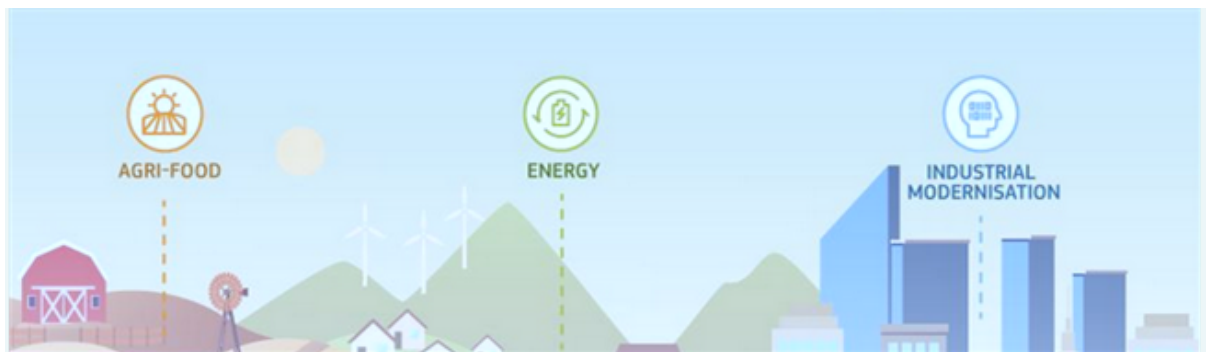


# Thematic Smart Specialisation Platforms Monitoring Progress Report

Fields marked with \* are mandatory.



## Thematic Smart Specialisation Partnership Monitoring Progress Report

This report is presented to the relevant Working/Steering Committee.

The report is updated every six months.

### Confidentiality:

The management report (section I) and progress report (section II) will be made available to the public via your Partnership's web page.

The part on self-assessment is confidential.

Based on the monitoring results, the European Commission will decide on the following term's support.

### \* Reporting period

January - June 2020

### \* Please select the name of your partnership

Personalised medicine

**\* Start date of your partnership**

May 2018

**Partnership's webpage**<https://s3platform.jrc.ec.europa.eu/personalised-medicine>**I. Management report****\* Please provide the executive summary of the objectives of your partnership**

The development of personalised medicine (PM), stratified or precision medicine is an evolution that cannot be stopped anymore. PM is strongly technological driven and will induce a transformation of how health and well-being are approached and medicine is being implemented.

The convergence of knowledge on what determines health and disease or how the process of ageing is determined, with digital technologies and access to data opens a huge potential to develop new applications to improve general health, wellbeing, and will make preventive medicine reality.

The sensitivity of new diagnostics, access to omics data and the acknowledgement that early detection is often crucial, is blurring the boundaries between health and disease. Chronic diseases, often linked to changes in general life styles and increasing of the average age of the population are putting the healthcare systems under increasing pressure. The development of PM will not only support the increase of healthy life years, it will also secure the sustainability of our healthcare systems.

The partnership was established to realise the potential of personalised medicine. This partnership will be complementary to the thematic platform on Medical Technologies and will bring the agenda to implement personalised medicine to the next level.

**\* Please provide the list of leading regions**

Flanders (BE)  
Limburg (NL)  
East-Netherlands (NL)

**\* Please provide the list of participating regions.**

*If possible, please follow this format: "Name of the region in English (Country abbreviation), NUTS code".  
e.g.: Lapland (FI), FI1D7*

Slovenia  
Oulu (FI)  
Danish Capital Region (DK), DK01  
Nord-Est (RO), RO21  
Extremadura (ES), ES43  
Piemonte (IT), ITC1  
Emilia-Romagna (IT), ITD5  
Southwest Finland (FI), FI1C1

**Please provide the list of interested regions or other entities (other than national /regional authorities)**

Trento (IT)

Flanders.bio (BE)

Janssen Pharmaceutica (BE)

VIB (BE)

VITO (BE)

EIT Health

EIP-AHA

Please provide an overview of the **working areas** of your partnership

|    | Working area                      | Region in charge | Involved regions  | Other actors   |
|----|-----------------------------------|------------------|---|----------------|
| 1  | Personal Data Management Platform | Flanders         | Oulu, East-NL   | EIT-Health     |
| 2  | Cell and gen hub                  | Flanders         | Limburg, East-NL, Slovenia, Southwest Finland, Emilia-Romagna |                |
| 3  | Healthcare of the 21st century    | East-NL          | Flanders, Oulu, Extremadura                                   |                |
| 4  | E-infrastructure for neurohealth  | Limburg          | Flanders, Piemonte  |                |
| 5  | Jobs of the future                | Flanders         | Oost-NL   | Murcia, Trento |
| 6  | Mobile Health                     | Slovenia         |   |                |
| 7  | Regenerative Medicine             | Emilia-Romagna   | Flanders  |                |
| 8  |                                   |                  |   |                |
| 9  |                                   |                  |   |                |
| 10 |                                   |                  |   |                |

Please provide information regarding past meetings, workshops and dissemination activities (six months prior to filling out the survey)

|    | Event   | Date             | Place  | Any other information          |
|----|---|------------------|--------|--------------------------------|
| 1  | 7th partnership meeting   | 26 June 2020     | Online |                                |
| 2  | webinar on 'exit strategies after COVID-19 lockdown, what role do regions play' | 16 June 2020     | Online | in collaboration with S3 Sport |
| 3  | webinar on 'Sports & Vitality in post-COVID19 Economy'                          | 19 May 2020      | Online | in collaboration with S3 Sport |
| 4  | Mirror group meeting Flanders   | 20 February 2020 | Leuven |                                |
| 5  | webinar EIP-AHA   | 9 January 2020   | Online |                                |
| 6  |   |                  |        |                                |
| 7  |   |                  |        |                                |
| 8  |   |                  |        |                                |
| 9  |   |                  |        |                                |
| 10 |   |                  |        |                                |

**Please provide information regarding planned future meetings, workshops and dissemination activities**

|    | Event  | Date        | Place | Any other information |
|----|--|-------------|-------|-----------------------|
| 1  | Dedicated workshop on Data management platform | Mid-October |       |                       |
| 2  | Dedicated workshops per working area           |             |       |                       |
| 3  |  |             |       |                       |
| 4  |  |             |       |                       |
| 5  |  |             |       |                       |
| 6  |  |             |       |                       |
| 7  |  |             |       |                       |
| 8  |  |             |       |                       |
| 9  |  |             |       |                       |
| 10 |  |             |       |                       |

## II. Progress report

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### Innovative results

Please describe innovative results and achievements that could be attributed to the partnership (specific examples of results vs. objectives)

Collaboration with S3 sport has been set up, resulting in the exchange of expertise and investigating the possibility of joint projects.

Tangible short- and medium-term socio-economic impacts achieved or expected (specific examples)

Not yet realistic to have tangible socio-economic impacts expected yet, other than the broad lines in the expression of interest, i.e. contribute to better health and wellbeing, sustainability of healthcare systems, preventive medicine.

### Inter-regional and inter-partnership collaborative results

Additional results obtained from working with other partnerships under the thematic S3 Platforms (specific examples)

Exchange of expertise with S3 Sport during a series of webinars ('exit strategies after COVID-19 lockdown, what role do regions play' and 'Sports & Vitality in post-COVID19 Economy').

Evaluation of the involvement of relevant business sector (clusters, SMEs, business associations, chambers of commerce, Digital Innovation Hubs (DIHs), etcetera) in the Partnership activities (specific examples)

The regional delegations represent different actors:

- Three cluster organizations (Flanders.bio, DSPValley, bioPmed Piedmonte);
- Regional development agencies (Oost NL, Capital region DK, NE - RO);
- Open innovation community (Brightlands Maastricht Health Campus, a joint triple helix initiative and Slovenian Innovation hub (SIS)
- Industry ambassador (Janssen Pharmaceutica),
- SMEs interested (Anthleron);
- Regional representation offices (Extremadura, Oulu, Southwest Finland);
- Representation from research institutions (VIB, VITO, Maastricht University).
- Since October 2018 also EIT Health is a partner in S3P4PM.
- EIP-AHA members have expressed interest in the partnership activities

Evaluation of whether the level of inter-regional cooperation is sufficient to potentially provide practical and relevant socio-economic impacts (specific examples)

Southwest Finland joined the partnership, showing their interest in the inter-regional cooperation that this partnership facilitates. Each region has shown an enthusiastic and strong drive to look over regional borders and find possible partnerships in an inter-regional context. However, many interested partners find it difficult to get engagement of their regional authorities.

## New activities

Involvement of regions from EU13 Member States in the Partnership, in particular with respect to scoping, mapping and/or matchmaking. In addition, justification should be provided if no EU13 regions are involved

Slovenia and Nord-Est (RO) joined the S3P4PM partnership. EIT Health, which has EIT Innostars under its umbrella, joined the partnership in October. Innostars has as a main goal to reach out to EU-13 regions. In addition, a CSA on personalised medicine (Securing Adoption of Personalised Health in Regions - SAPHIRe) with EIT Innostars as partner has started on the 1st of December 2018. The CSA has as one of its objectives to reach out to 'remote and sparsely' populated regions, which we interpreted as the regions with less innovation power and includes EU-13 regions. As Flanders is coordinating SAPHIRe, we can align the S3 strategy and the CSA goals.

Involvement of regions/countries from outside of EU28 Countries. (Number of participants from non-EU countries (specify their contribution)

Other regions may express interest when the partnership will be introduced to a broader audience at a later stage. Depending on possible alignment of priorities more regions/ actors can join.

Advancement and promotion of the Partnership through publications and other communication/outreach activities (number of outreach activities that resulted from the partnership)



webinars ('exit strategies after COVID-19 lockdown, what role do regions play' and 'Sports & Vitality in post-COVID19 Economy').

Activities and projects with partnerships working under other S3 Thematic Platforms (AgriFood, Energy and Industrial Modernisation)

Contacts have been made with S3 Sport and S3 Medtech under Industrial Modernisation. We also have contact with S3 Food under Agri-Food. Exchange of expertise with S3 Sport during a series of webinars ('exit strategies after COVID-19 lockdown, what role do regions play' and 'Sports & Vitality in post-COVID19 Economy').













### Your Partnership and the UN 2030 Sustainable Development Goals (SDGs)

The EU has a strong position when it comes to sustainable development and is also fully committed to be a frontrunner in implementing the UN's 2030 Agenda, together with its member countries and regions. Many interregional partnerships under the thematic S3 Platforms contribute strongly to the attainment of these 17 goals.

**Please indicate to which Sustainable Development Goals and to what extent your thematic Partnership contributes?**

|  | Strongly agree                   | Agree                            | Neutral               | Disagree              | Strongly disagree     | Not applicable                   |
|--|----------------------------------|----------------------------------|-----------------------|-----------------------|-----------------------|----------------------------------|
| Goal 1. End poverty in all its forms everywhere  | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> |
| Goal 2. End hunger, achieve food security and improved nutrition & promote sustainable agriculture           | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> |
| Goal 3. Ensure healthy lives & promote well-being for all at all ages  | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>            |
| Goal 4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>            |
| Goal 5. Achieve gender equality & empower all women and girls  | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/>            |

|   |                                  |                                  |                       |                                  |                       |                                  |
|---|----------------------------------|----------------------------------|-----------------------|----------------------------------|-----------------------|----------------------------------|
| Goal 6. Ensure availability and sustainable management of water and sanitation for all  | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/>            | <input type="radio"/> | <input checked="" type="radio"/> |
| Goal 7. Ensure access to affordable, reliable, sustainable and modern energy for all  | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/>            |
| Goal 8. Promote sustained, inclusive and sustainable economic growth, full and productive employment & decent work for all  | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/>            |
| Goal 9. Build resilient infrastructure, promote inclusive and sustainable industrialisation & foster innovation   | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/>            |
| Goal 10. Reduce inequality within and among countries   | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/>            |
| Goal 11. Make cities & human settlements inclusive, safe, resilient and sustainable   | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/>            |
| Goal 12. Ensure sustainable consumption & production patterns   | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/>            |
| Goal 13. Take urgent action to combat climate change and its impacts  | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/>            |
| Goal 14. Conserve and sustainably use the oceans, seas & marine resources for sustainable development   | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/>            | <input type="radio"/> | <input checked="" type="radio"/> |
| Goal 15. Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, halt and reverse land degradation and halt biodiversity loss | <input type="radio"/>            | <input type="radio"/>            | <input type="radio"/> | <input type="radio"/>            | <input type="radio"/> | <input checked="" type="radio"/> |

|  |   |   |   |   |   |   |
|--|---|---|---|---|---|---|
| Goal 16. Promote peaceful & inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels |  |  |  |  |  |  |
| Goal 17. Strengthen the means of implementation and revitalise the Global Partnership for Sustainable Development  |  |  |  |  |  |  |

