

# Smart Specialisation Platform for Industrial Modernisation

## Thematic Partnership

*S3 Partnership for the regional co-development,  
innovation and adoption of Personalised Medicine –  
translational needs (S3P4PM)*

**Start Date (May 2018)**

## MONITORING PROGRESS REPORT

***Reporting Period: from 30 May 2018 to June 2018***

This Report is presented to the relevant Working/Steering Committee.  
It contains three parts:

- I. Management Report prepared by the Lead Region(s)***
- II. Progress Report prepared by the Lead Region(s)***
- III. Previous versions of the Progress Report; i.e., part II of past reporting periods***

The report is a “cumulative” report, i.e. it is updated annually and covers the entire period of the Partnership.

Confidentiality: the documents will be made available to the public via the Partnership's web page except for chapter *II.E. Self evaluation*.

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

**Executive summary (max. 250 words):**

*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.*

**I. Management Report prepared by the Thematic Platform/Lead Region(s)**

**I.A. Partnership Action Fact Sheet**

- **Partnership** *S3 Partnership for the regional co-development, innovation and adoption of Personalised Medicine – translational needs (S3P4PM).*

• **Partnership's web-page:** *Please enter here...*

• **S3 Thematic Platform** *Industrial Modernisation*

• **Objectives:** *Address translational needs to further PM across Europe and create added value and contribute to better health and wellbeing and the sustainability of health care systems*

• **Lead Region(s):** *list of regions/countries*

<i>Flanders (BE)</i>
<i>Limburg (NL)</i>
<i>East-Netherlands (NL)</i>

• **Other partner regions:** *list of regions/countries*

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• **Intentions to join:** *list of regions/countries*

*Slovenia, participated to the second meeting*  
*BioRN, Germany, joined the second meeting by Skype*  
*Lombardy, contacts were made*  
*Auvergne-Rhone-Alpes, expressed potential interest*

• **Other participants (other than regions):** *(Institution Name, Country, Town)*

*EIT Health participated to the second meeting and expressed interest to join the partnership.*

<p><b>Representative of Lead Region 1:</b>  <i>(name, institution, address, phone, e-mail)</i>  <i>Kathleen D'Hondt</i>  <i>Flemish Government – Department Economy, Science and Innovation</i>  <i>Koning Albert II-laan 35</i>  <i>1030 Brussels</i>  <i>Belgium</i>  <i>Kathleen.dhondt@ewi.vlaanderen.be</i>  <i>T+32 2 553 5771; M + 32 32 477 403120</i>  <i>https://www.ewi-vlaanderen.be/</i></p>	<p><b>Representative of Lead Region 2</b>  <i>(if applicable): (name, institution, address, phone, e-mail)</i>  <i>Dirk Plees</i>  <i>Coordinator internationalisation</i>  <i>cluster Economy and Innovation</i>  <i>Post: Postbus 5700, 6202 MA Maastricht, The Netherlands</i>  <i>Visit: Limburglaan 10</i>  <i>6229 GA Maastricht</i>  <i>The Netherlands</i>  <i>d.plees@prvlimburg.nl</i>  <i>T +31 43 389 7664; M +31 6 52 6882 02</i>  <i>www.limburg.nl.</i></p>
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	<p><i>Representative of Lead Region 3</i></p> <p><i>Karolien de Bruine</i></p> <p><i>EU Liaison Officer</i></p> <p><i>Laan van Malkenschoten 40</i></p> <p><i>P.O. Box 1026</i></p> <p><i>7301 BG Apeldoorn</i></p> <p><i>The Netherlands</i></p> <p><i>Karolien.deBruine@oostnl.nl</i></p> <p><i>T +31 (0)88 66701 00; M +31 6 42470718</i></p> <p><i>www.oostnl.nl</i></p>
<p><b>European Commission Coordinator:</b> (name, e-mail)</p> <p>█</p>	<p><i>Any other relevant information:</i></p> <p>█</p>

**I.B. Thematic Working Areas**

- **Thematic Working Areas** (if any, please list of WAs, region(s) in charge of it, names and affiliations of involved regional/national authorities, and other actors)

<i>Working Area</i>	<i>Region in Charge</i>	<i>Involved regions</i>	<i>Other actors</i>
<i>tbd.</i>	<i>tbd</i>	<i>tbd</i>	<i>tbd</i>
<i>tbd</i>	<i>Region in Charge</i>	<i>Other involved regions</i>	<i>Other actors</i>
<i>Insert Working Area...</i>	<i>Region in Charge</i>	<i>Other involved regions</i>	<i>Other actors</i>
<i>Insert Working Area...</i>	<i>Region in Charge</i>	<i>Other involved regions</i>	<i>Other actors</i>
<i>Any other comments</i>			

**I.C. Overview of past activities (past six months, the 1<sup>st</sup> half of 2018)**

**Past Meetings**

<i>Title</i>	<i>Date</i>	<i>Place</i>
<i>Kick off meeting..</i>	<i>30 May 2018</i>	<i>Brusselse</i>
<i>Second meeting</i>	<i>5 July 2018</i>	<i>Brussels</i>
<i>Please enter title here...</i>	<i>Please enter date here...</i>	<i>Please enter place here...</i>
<i>Any other comments</i>		

**Past Workshops**

<i>Title</i>	<i>Date</i>	<i>Place</i>
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<i>Please enter title here...</i>	<i>Please enter date here...</i>	<i>Please enter place here...</i>
<i>Any other comments</i>		

**Past Dissemination Activities**

<i>Title</i>	<i>Date</i>	<i>Place</i>
<i>Please enter title here...</i>	<i>Please enter date here...</i>	<i>Please enter place here...</i>
<i>Please enter title here...</i>	<i>Please enter date here...</i>	<i>Please enter place here...</i>
<i>Any other comments</i>		

**I.C. Overview of future activities (the next 6 months – the 2<sup>nd</sup> half of 2018)**

**Future Meetings**

<i>Title</i>	<i>Date</i>	<i>Place</i>
<i>"3rd meeting</i>	<i>October</i>	<i>Brussels</i>
<i>Please enter title here...</i>	<i>Please enter date here...</i>	<i>Please enter place here...</i>
<i>Please enter title here...</i>	<i>Please enter date here...</i>	<i>Please enter place here...</i>
<i>Any other comments</i>		

**Future Workshops**

<i>Title</i>	<i>Date</i>	<i>Place</i>
<i>Please enter title here...</i>	<i>Please enter date here...</i>	<i>Please enter place here...</i>
<i>Please enter title here...</i>	<i>Please enter date here...</i>	<i>Please enter place here...</i>
<i>Any other comments</i>		

**Future Dissemination Activities**

<i>Title</i>	<i>Date</i>	<i>Place</i>
<i>Introducing S3P4PM</i>	<i>October - week of Regions</i>	<i>Brussels</i>
<i>Please enter title here...</i>	<i>Please enter date here...</i>	<i>Please enter place here...</i>
<i>Any other comments</i>		

**II. Progress Report** prepared by the Lead Region(s) of the partnership, describing **results achieved during this period**, in no more than 3 pages (the report is “cumulative”).  
All items listed in Sections A, B, and C, below, must be addressed.

Additional documentation such as extended technical reports and/or proceedings of workshops may be provided separately as an annex to this report (and should be referenced in the report).

### II.A. Innovative results

- Innovative results and achievements that could be attributed to the Partnership.  
(Specific examples of Results vs. Objectives)  
*Common focus areas begin to crystalise after the second meeting.*  
> Cell therapy: Car-T; regenerative medicine  
> Preventive medicine  
*Horizontal issues: personal data management platform; Skills and training needs*
- Tangible short- and medium-term socio-economic impacts achieved or expected.  
(Specific examples)  
*One month after the start of the initiative it is unrealistic to have tangible socio-economic impacts expected other than the broad lines in the expression of interest, i.e. contribute to better health and wellbeing, sustainability of healthcare systems, preventive medicine.*

### II.B. Inter-regional and inter-partnership collaborative results

- Additional results obtained from working *with other partnerships* under the thematic S3 Platforms. (Specific examples)  
*Not relevant at this point, too early, but we are planning to get into contact with the S3 partnership on medical technologies to ensure the complementarity and avoid overlap of the initiatives.*
- Evaluation of the involvement of relevant business sector (clusters, SMEs, business associations, chambers of commerce, etcetera) in the Partnership activities. (Specific examples)  
*The regional delegations represent different actors, including 2 cluster organisations (Flanders.bio, DSP Valley), a regional development agency (Oost NL) an open innovation community (Brightlands Maastricht Health Campus, a joint triple helix initiative and Slovenian Innovation hub (SIS), an industry ambassador (Janssen Pharmaceutica), SMEs interested (Anthleron).*
- Evaluation of whether **the level of inter-regional cooperation is sufficient** to potentially provide **practical and relevant socio-economic impacts**. (Specific examples)  
*After only 1 month of activities, we are very satisfied with the interregional interactions, indicating a high potential for successful cooperation in the future. Already after our second meeting we can find common focus areas that need to be analysed now in more detail. At this moment, however, it is too early to have socio-economic impact.*

### II.C. 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 is very positive to sign a Letter of Commitment. Other regions may also express interest when the partnership will be introduced to a broader audience later this year.*  
*EIT Health expressed interest to join the partnership. Partner regions already have collaboration with EIT Innostars which has as a main goal to reach out to EU-13 regions. These interactions will be supported further.*

- Involvement of regions/countries from outside of EU28 Countries. (*Number of participants from non-EU countries. Specify their contribution*)  
*Other regions may also express interest when the partnership will be introduced to a broader audience later this year. 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. A complete list with references and web-links should be given in an annex*)  
*In progress.*
- Activities and projects with partnerships working under other S3 Thematic Platforms (*Agri-Food, Energy and Industrial Modernisation*).  
*None*

## II.D. 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<sup>1</sup>, 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?**

<b>Your Partnership and Sustainable Development Goals</b>						
<b>Goals to which your partnership (can) contribute:</b>	<b>Strongly Agree</b>	<b>Agree</b>	<b>Neutral</b>	<b>Disagree</b>	<b>Strongly Disagree</b>	<b>Not applicable</b>
Goal 1. <b>End poverty</b> in all its forms everyw here	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Goal 2. <b>End hunger</b> , achieve <b>food security</b> and improved <b>nutrition</b> & promote <b>sustainable</b> agriculture	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Goal 3. Ensure <b>healthy lives</b> & promote <b>well-being</b> for all at all ages	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Goal 4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Goal 5. Achieve <b>gender equality</b> & empower all women and girls	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Goal 6. Ensure availability and sustainable management of <b>water and sanitation</b> for all	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Goal 7. Ensure access to <b>affordable, reliable, sustainable and modern energy for all</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Goal 8. Promote sustained, inclusive and sustainable <b>economic growth</b> , full and productive <b>employment</b> & decent <b>work for all</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Goal 9. Build resilient <b>infrastructure</b> , promote inclusive and sustainable <b>industrialisation</b> & foster <b>innovation</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Goal 10. Reduce <b>inequality</b> within and among countries	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Goal 11. Make <b>cities</b> & human settlements inclusive, safe, resilient and sustainable	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Goal 12. Ensure sustainable <b>consumption &amp; production patterns</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Goal 13. Take urgent action to combat <b>climate change</b> and its <b>impacts</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Goal 14. Conserve and sustainably use the <b>oceans, seas &amp; marine</b> resources for sustainable development	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Goal 15. Protect, restore and promote sustainable use of <b>terrestrial ecosystems</b> , sustainably manage <b>forests</b> , combat <b>desertification</b> , halt and reverse land degradation and halt biodiversity loss	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Goal 16. Promote <b>peaceful &amp; inclusive societies</b> for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Goal 17. Strengthen the means of implementation and revitalise the <b>Global Partnership for Sustainable Development</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

<sup>1</sup> The 2030 Agenda for Sustainable Development and its 17 Sustainable Development Goals (SDGs), adopted by the United Nations (UN) in September 2015, gave a new impetus to efforts to achieve sustainable development.