



WAVESTONE



Institute of Communication & Computer Systems
of the National Technical University of Athens

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KOMIS

Big Data and B2B platforms: the next big opportunity for Europe

Piloting a high-quality, diabetes-related data repository by using the latest technologies and big data breakthroughs

Centre for European Policy Studies
1 Place du Congrès, 1000 BRUSSELS, Thursday 23 May 2019 09:00 – 16:00

FIRST WORKSHOP

The Executive Agency for Small and Medium-sized Enterprises (EASME) is conducting **the study “Big Data and B2B platforms: the next big opportunity for Europe”** whose objective is to analyse how to accelerate the growth of the data-based economy and to support the development of B2B platforms in Europe focusing on two sectors: automotive and healthcare.

Under this study two Pilots will be developed, one for each sector being analysed. The pilot for the healthcare sector will demonstrate an architecture for fair and equal sharing of health data from different sources and different regions. Four workshops are planned during the execution of the healthcare pilot, one for each phase.

This first health data workshop will cover two content blocks: the infrastructure of the data sharing and the opportunities and barriers for the health data market and commercial use. The workshop’s **main objective** is to introduce the participants to the aims of the health data pilot, present the work done so far on the infrastructure, and most importantly to gather the participants’ views on infrastructure, data sharing issues and valorization and business opportunities for health data. The detailed **workshop Agenda** is presented below.



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Health data pilot - FIRST WORKSHOP

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Start	Finish	Duration	Subject	Speaker
08:30	09:00	30 min	Registration	
09:00	09:20	20 min	<p>Introduction and general information about the study</p> <p>This section will provide an overview of the study and workshop practical organisation.</p>	<p>Alessandro Zamboni, Wavestone</p> <p>Eleonora Zoboli, Wavestone</p>
<p>Morning session (9:20-12:00)</p> <p>The presentations of the morning will focus on architecture and infrastructure of various health databases and database models and on an overall infrastructure in which existing health databases can be joined. Our invited speaker Luiz Bonino will elaborate on their views on an overall infrastructure for health data.</p> <p>The World Cafe objective is to co-create the next phases of the Pilot by leveraging on the participants' views and inputs. Group discussions will be carried out around two content blocks of the workshop. The session will use a World Café format: the participants will be split into two groups (A, B) that rotate after 40 minutes, so that participants can contribute to each group discussion. Finally, the groups will reconvene to analyse the conclusions together.</p>				
Presentations				
09:20	09:40	20 min	<p>Infrastructure of health databases in T2D</p> <p>Jildau will present the current ideas on the infrastructure of the pilot. Crucial for the infrastructure is that data of different types of sources and different locations can be coupled. The current idea is mainly based on the ENPADASI (www.enpadasi.eu) infrastructure. This presentation is meant to start the discussion for the World Café. <i>(Q&A will follow the presentation)</i></p>	<p>Jildau Bouwman TNO</p>
09:40	10:00	20 min	<p>Health data infrastructure</p> <p>Luiz Bonino, is International Technology Coordinator at GO FAIR. GO FAIR fosters the coherent development of the global Internet of FAIR Data & Services (IFDS), with the main focus on early developments in the European Open Science Cloud (EOSC). He is also involved in the FAIR metrics working group and in the architectural efforts of the Personal Health Train. Luiz will present the GoFAIR and the Personal Health Train initiative and the ELIXIR research infrastructure. <i>(Q&A will follow the presentation)</i></p>	<p>Luiz Bonino GO FAIR</p>
10:00	10:15	15 min	Break	
World Café				
10:15	10:20	05 min	<p>World Café group set-up and preparation of the work</p> <p>Participants split into the two groups, and the group moderator makes a short introduction to the group topic and the work to be done.</p>	
10:20	11:05	45 min	<p>World Café 1st round:</p> <p>Two groups will start the discussion on chances and bottlenecks to be tackled when coupling data from different sources. <Specific topics to be announced></p>	<p><u>Group moderators</u> Group A: Jildau Bouwman, TNO Group B: André Boorsma, TNO Group Discussion</p>
11:05	11:50	45 min	<p>World Café 2nd round:</p> <p>The two groups will change place and will elaborate on the findings and views of the other group</p>	<p><u>Group moderators</u> Group Discussion</p>

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			<Specific topics to be announced>	
11:50	12:05	15 min	Short exchange of morning findings	<u>Group moderators</u>
12:05	13:00	55 min	Lunch break	
Afternoon session (13:00-16:00)				
<p>The presentations of the afternoon will focus on health data marketplace and on valorisation of both non-commercial and commercial data.</p> <p>Our invited speaker Andrew Carmody will show an example of a commercial application of a health data marketplace.</p> <p>The World Cafe Group discussions will be carried out around two content blocks of the workshop. The session will use a World Café format: the participants will be split into two groups (A, B) that rotate after 40 minutes, so that participants can contribute to each group discussion. Finally, the groups will reconvene to analyse the conclusions together.</p>				
Presentations				
13:00	13:20	20 min	<p>Marketplace for Health data</p> <p>André will present an overview of the current developments in the health data marketplace space. Important for a Type 2 Diabetes data marketplace are the availability of relevant health data, the important market segments and the most important stakeholders. This presentation will provide insights for the discussion in the world café. <i>(Q&A will follow the presentation)</i></p>	André Boorsma TNO
13:20	13:40	20 min	<p>Best practice Health data business</p> <p>Andrew Carmody, is chairman of the Health Data Exchange and CTO of digi.me. Digi.me enables the individual to aggregate, see and share their own data without the need for a 3rd party hosting. This uniquely offers the individual control and privacy over their data. The Health Data Exchange uses the digi.me infrastructure to build a 'for profit' social enterprise designed to lower the barrier to entry for global medical and wellbeing research and treatment development. His presentation will feed the discussion of the World Café, based on the example of the role of Digi.me and the market place they are developing. <i>(Q&A will follow the presentation)</i></p>	Andrew Carmody digi.me/Data Health Exchange
World Café				
13:40	14:25	45 min	<p>World Café 1st round:</p> <p>Two groups will start the discussion on chances and bottlenecks to be tackled when creating a Health data marketplace. <Specific topics to be announced></p>	<u>Group moderators</u> Group A: Jildau Bouwman, TNO Group B: André Boorsma, TNO Group Discussion
14:25	15:10	45 min	<p>World Café 2nd round:</p> <p>The two groups will change place and will elaborate on the findings and views of the other group <Specific topics to be announced></p>	<u>Group moderators</u> Group Discussion
15:10	15:25	15 min	Break	
15:25	15:55	30 min	<p>Group discussions, summary outcomes and conclusions</p> <p>Presentation of the main findings from each group moderator and</p>	Group moderators (Study Consortium)

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			general discussion	
15: 55	16:00	05 min	Closing Presentation of the next steps	Jildau Bouwman TNO Eleonora Zoboli, Wavestone