Working group 4

FoodMC VA15118

Bert Bredeweg
University of Amsterdam – Netherlands

Versailles 2016 10 20-12
<table>
<thead>
<tr>
<th>Name</th>
<th>Affiliation</th>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bert Bredeweg</td>
<td>University of Amsterdam</td>
<td>The Netherlands</td>
</tr>
<tr>
<td>Wim Laurier</td>
<td>Université Saint-Louis</td>
<td>Belgium</td>
</tr>
<tr>
<td>Kamal Kansou</td>
<td>INRA</td>
<td>France</td>
</tr>
<tr>
<td>Amadou Ndiaye</td>
<td>INRA</td>
<td>France</td>
</tr>
<tr>
<td>Antonio Martínez López</td>
<td>CSIC</td>
<td>Spain</td>
</tr>
<tr>
<td>Diana Kopeva</td>
<td>UNWE (business faculty)</td>
<td>Bulgaria</td>
</tr>
<tr>
<td>Emil Stankov</td>
<td>Ss. Cyril and Methodius University</td>
<td>Macedonia</td>
</tr>
<tr>
<td>Maria Dolores Rodrigo</td>
<td>IATA-CSIC</td>
<td>Spain</td>
</tr>
<tr>
<td>Rallou Thomopoulos</td>
<td>INRA</td>
<td>France</td>
</tr>
<tr>
<td>Urška Vrabič Brodnjak</td>
<td>University of Ljubljana</td>
<td>Slovenia</td>
</tr>
</tbody>
</table>
Tasks (re-formulated)

WG4 will build hands-on experience in organizing knowledge, sharing and reuse of data and knowledge, to enable...

• Knowledge dissemination
• Reuse of scientific knowledge across disciplines
• Reuse by businesses and public like consumers

Apply open science practice
Deliverables (MoU)

• Technical report on the COST Action types of contents to structure and transfer (knowledge, data, mathematical model)
• Proposition for organisation of the content so to maximize readability
• Proposition for suitable web solutions (Y2)
• Website (Y1)
• Website with advanced features for knowledge transfer (Y2-Y4)
• Proposition for virtual interactions with a larger audience, handbook, guidelines, best practice (Y4)
Deliverables (re-formulated)

- **Reviews** of knowledge and data dissemination/sharing techniques, context in the food science, report concrete applications, trends and skills to develop in the future (joint peer-reviewed pub)
- **Report** about knowledge and data exchange or produced by other WGs and techniques to improve synergy across food science and MCS
- **Report** on open science practice applied to the food domain to promote reuse of scientific knowledge
  - Handbook about open science practice in food science
- **Stakeholders** outreach (meetings with stakeholders)
- Implementation of **demo or tool** accessible via the Action Website
- **Education materials**

WG4 is still investigating how to make a difference (*with almost no budget...*)
Recent activities

• Network website (INRA)
• Mailing-lists (INRA)
• Recruited 11 WP4 participants...
• Meetings
  – Orientation (small group, BB, WL & KK, online)
  – Workgroup as a whole (8 participants, online)
• Tools exploration
• Questionnaire (“social media”, 43 replies)
• Dissemination action/Call for help (on Linked Data)
• Action research design
FoodMC instruments and activities

• Social media
  – LinkedIn page
  – Video channel (select tool & make plan)
    • e.g. with bi-weekly broadcast, max 45min
  – Store & share slides (presentations)

• Action design research

• Team up with: Big Data Europe

• Report on online questionnaire!

• Knowledge transfer / Communication (STSM?)
  – Case study (research project) concept map
  – Causal models explaining complex equations

Use existing media!

Suggestions from WG4

https://www.big-data-europe.eu

Deploy diagrammatic reasoning
Reaching out & Collaborating

• Big Data Europe (BDE)
  – Website: https://www.big-data-europe.eu
  – Focus area
    • SC Network Food & Agriculture
    • https://www.big-data-europe.eu/food/

• Global data Europe
  – http://www.godan.info