

Kick-off meeting

Report



1. Location and date

DERMAP Kick-off meeting was held at the Department of Engineering and Management of Padova University, Stradella San. Nicola 3, 36100. Vicenza. Date: 22-23.03.2018

2. Participants

1. Carla Baldasso (Enginesoft) (23.03.2018)
2. Floriana La Marca (EIT Raw Materials)
3. Marcin Górny (AGH University of Science and Technology)
4. Michał Szucki (AGH University of Science and Technology)
5. Idoia Urrutibeascoa (MONDRAGON University)
6. Manel da Silva (EURECAT)
7. Sylvia Cruz (DERMAP project manager from EURECAT)
8. David de la Cruz (Software development) (EURECAT)
9. Enrico Veneri (Zanardi)
10. Patrik Svanängen (via Skype) (SWEREA)
11. Montse Monedero (Consell general de Cambres de Comerc Industria i Navegacio de Catalunya) (via Skype)

3. Followed Agenda

Thursday, March 22:

1. H. 14:30 Welcome,
2. H. 15:00 Short introductory round of participants and consortium,
3. H. 15:30 DE.R.MA.P project overview
4. H. 16:15 *Coffee break*
5. H. 16:45 DE.R.MA.P web site
6. H. 17:15 Visit of DTG labs and Bells Museum
7. H. 18.15 End of first day
8. H. 19.30 Dinner

Friday, March 23:

1. H. 9:30 Project details
 1. Scope, Goals, Objectives
 2. Project time-line
 3. Challenges and risks
2. H. 10:30 Role and responsibilities of the partners
3. H. 11:00 *Coffee break*
4. H. 11:30 WPs organization
5. H. 12:30 Discussion, a.o.b.
6. H. 13:00 End of the kick-off meeting



The Kick-off meeting presentation was shared some days before the meeting by using the restricted area in DERMAP web site. At the end of the 'short introductory round of participants' it was proposed to share all the partners presentations on the web site. I'm waiting for each presentation to load in DERMAP web site

4. Main decisions taken

The work to do in the next months will be focused on two parallel activities:

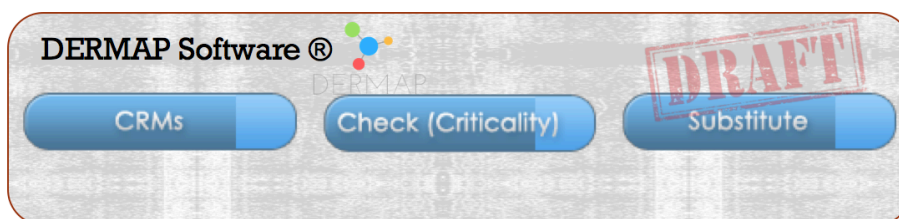
1. Software tool development
2. Training course development

Each partner is involved in both the activities.

4.1. Software development

The main decisions taken about the Software tool development are:

1. The software will be usable via WEB (not a stand alone tool) by using a password
2. Each alloy must contain also information about **typical uses** and **compatible processes**
3. According to point 3, a processes database is necessary in order to link material-processes and 'vice versa'
4. The software architecture will be similar to that shown in Kick-off presentation with a list of CRMs, a tool for checking criticalities of alloys as well as a tool for suggested mitigating actions



5. A draft of a white paper template describing the main characteristics of a CRM will be shared in almost two weeks by Padova University in order to allow the partners to improve it and reach a final approval ASAP.
6. Similarly to point 5, a draft of the alloys database in excel format will be shared by Padova University, eventually improved and then approval (ASAP).

4.1. Training course development

The main decisions taken about the Training Course development are:

1. The approved course contents and partners involved in each topic are:

Introduction: (MONDRAGON+SWEREA)

- 1) Introduction to CRMs
- 2) Materials selection in Engineering and Design,
- 3) The importance of material selection for eco design in a CRMs perspective

**Material selection method: (UNIPD, AGH)**

- 1) Materials properties diagrams, (AGH)
- 2) The material selection procedure, (AGH)
- 3) Multiple constraints and objectives (UNIPD)
- 4) Material and shape (UNIPD)
- 5) Materials selection for Eco design in a CRMs perspective (SWEREA)

DERMAP software: (EURECAT, UNIPD, AGH, ZANARDI)

- 1) software architecture,
- 2) software tools description
- 3) case-studies and examples of software application (ZANARDI)

Verification:

Tests and/or a material selection problem solving in a CRMs perspective

2. A draft of a presentation template in .pptx format will be shared by University of Padova ASAP
3. The training course will be organized as 'one full-day course'. Amount of contents must be calibrated by the Partners according such decision.
4. All Partners, but in particular those who benefit of a lot of contacts with possible beneficiaries (Swerea, Enginsoft, Consorzio Spring, GCCCC) are invited to identify possible stakeholders (please start to write a list of possible stakeholders)
5. Case-studies must be specific for each engineering sector. In other words, they must be calibrated according to the companies interest where the training course is held.
6. The price of the course and the methods of payment were not decided yet and will be discussed in the next meeting
7. Set up of Standards for Quality Assurance and Accreditation of Training initiatives and tools will be discussed in the next meeting.

The next meeting will be held in Barcelona. The tentative date is 6-7/09/2018. **A Skype call is scheduled on 31/05/2018.**

Vicenza, 29/03/2018

Paolo Ferro

