

International MA course ensuring of product life cycle technological process efficiency at Russian Universities.

Bratsilava



The SUCCESS project is
co-funded by the European
Union in scope of the
Tempus programme.

The aim of the project

(from the currently prepared press release)

- Much has been talked about Industry 4.0. All over the world companies have started to work on modular, networked machines, which can connect and communicate with each other, exchanging information and forming complex systems, which are more than the sum of their parts.
- Four leading higher education institutions in the Russian Federation have realized the potential of this idea for study programs and formed a project consortium together with industry and universities from the European Union, to realize an ambitious project: Transferring the main ideas of industry 4.0 to education.



INTERNATIONAL MA COURSE
SUCCESS



Key Aims

- Create a new MA course with an innovative content in four leading RF universities.
- Prepare a competence based curriculum
 - which is complying with RF standards
 - and is readable for national and international partners
 - that is actually lived and used.
- Total student intake of about 50 / semester (in all four universities)
 - Start with first cohort inside the project running time
 - Already started in 3 RF universities
- Guarantee up to date output oriented, student centred teaching processes
 - Networked 3rd semester between universities
 - Trained lecturers
 - Connected with industry
 - English language courses

Partnership Russian Federation



Perm National Research Polytechnic University (PNRPU)
Saint-Petersburg State Polytechnic University (SPbPU)
Chelyabinsk, South-Urals State University (SUSU)
National Research Tomsk Polytechnic University (TPU)



“Aviadvigatel” Public Corporation (Aviad)
Association of Technical Universities of RF

Partnership EU

FH | JOANNEUM
University of Applied Sciences

FH JOANNEUM (FHJ) – Coordinating Institution

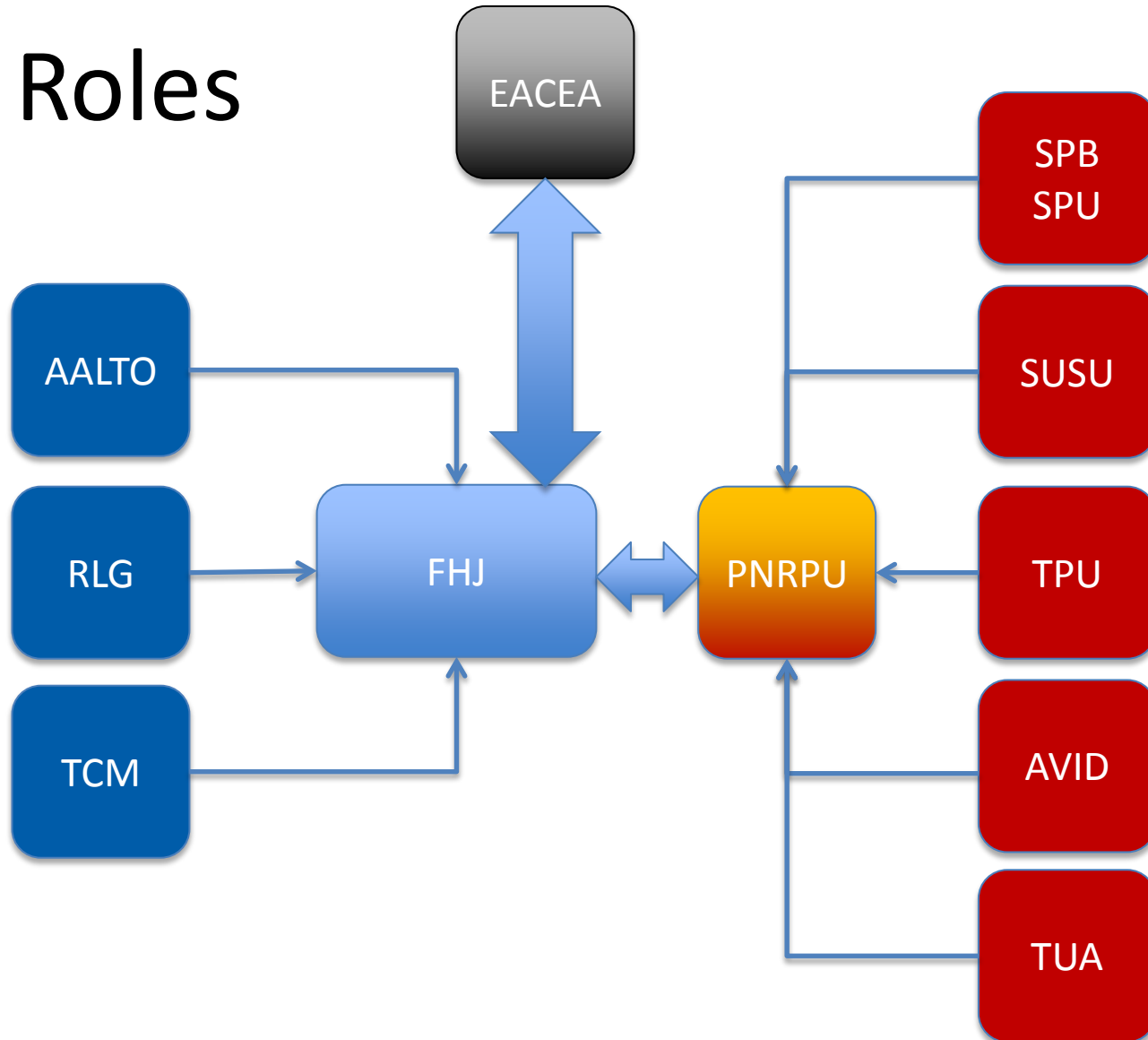


AALTO University (Finland)

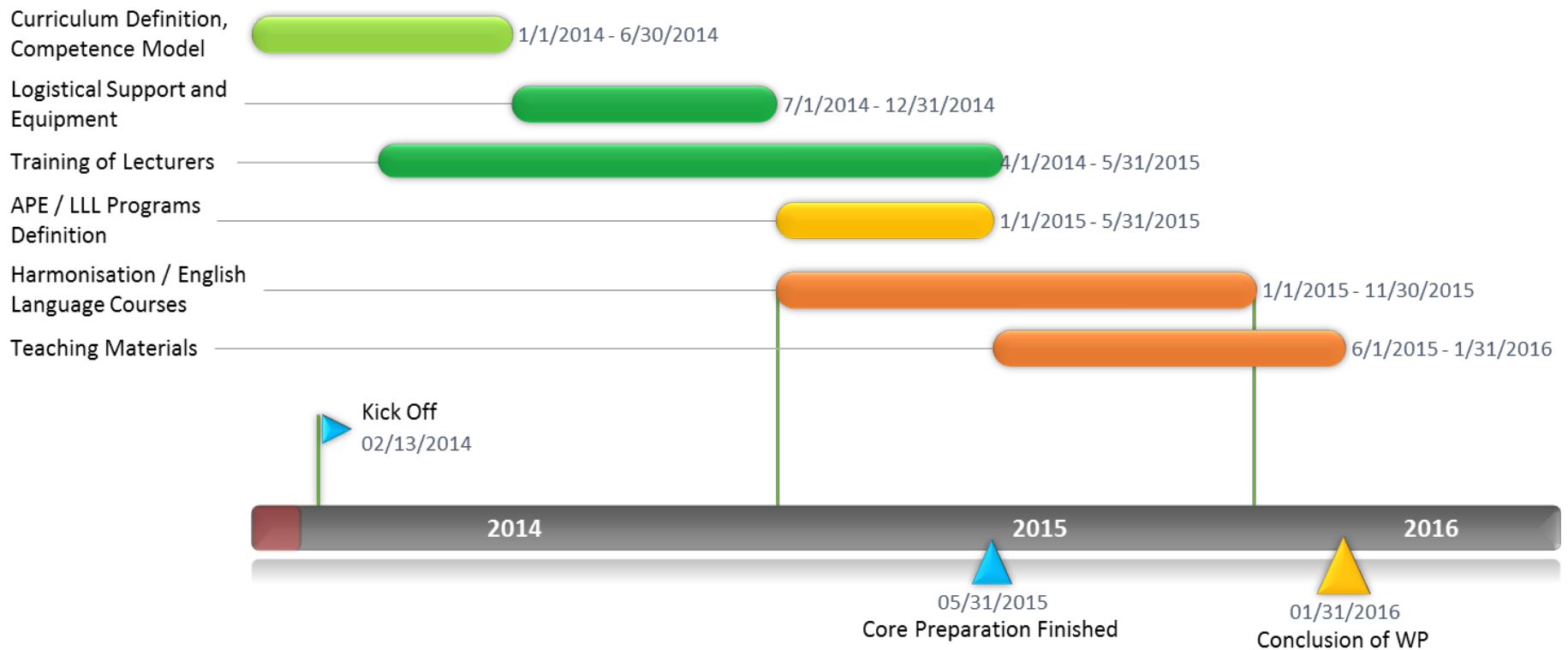
FH Reutlingen (Germany)

TCM International Tool Consulting & Management GmbH (Austria)

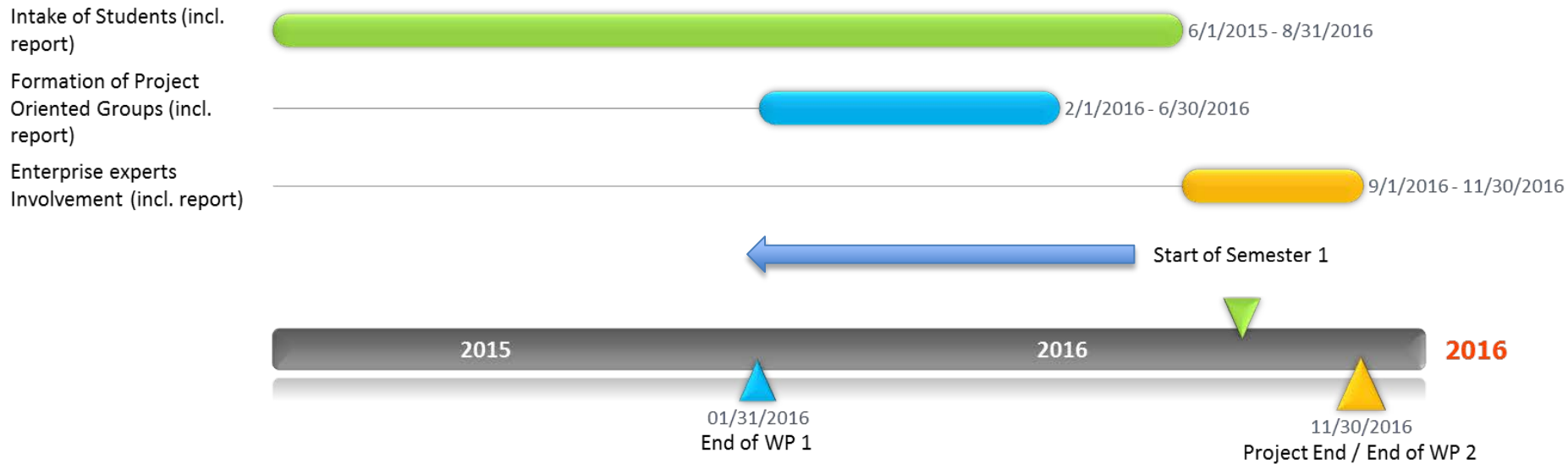
Roles



Workplan (part one)



Workplan (part two)



Example Training activity



- 10 days training event in Stainz
- 20.10.2014
01.11.2014
- 4-6 participants per university, 2 from industry
- In Russian for RF partners



Thursday	30.10.2014
08:00 – 08:15	Transfer Pickup – Service from Hotel to TCM
08:30 – 12:00	Seminar: Education Modul 11 “PCD” <ul style="list-style-type: none"> ➤ Reaming with PCD ➤ Turning with PCD and MCD
12:00 – 13:00	Lunch
13:00 – 13:30	Practical Part: AEC / application engineering centre – LIVE <ul style="list-style-type: none"> ➤ showing special diamond tools and live demo work piece ➤ drilling processing: diamond step drilling
13:30 – 15:00	Seminar: Education Modul 11 “PCD” <ul style="list-style-type: none"> ➤ Workshop PCD
15:00 – 15:15	Transfer Service from TCM to hotel or - OPTIONAL
15:33 – 17:30	OPTIONAL: Visit to castle of STAINZ – guided tour through the biggest hunting museum in Austria – drink and come together
transfer	Transfer to hotel

Example Core Activity

„Networking the third semester“



- 4 different 3rd semesters
- Each syllabus needs to be accepted by all RF universities
- Senate decisions
- English language preferred

Example Dissemination Activity



- Common Press releases.
- Common press release is designed (by FHJ)
- All partners provide feedback
- Releases are localised and translated
- The release is sent to the press by all partners at the same date



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Rupert.Beinbauer@fh-joanneum.at