



Co-funded by the
Erasmus+ Programme
of the European Union

SHYFTE 4.0

Building Skills 4.0 through University and Enterprise Collaboration



Training of the Trainers

Kasetsart University
Friday 02 July 2021

Prof. Yacine Ouzrout
Project Coordinator
University Lumiere Lyon 2





SHYFTE 4.0 Partners



Co-funded by the
Erasmus+ Programme
of the European Union

EU - Program Countries

1. ULL - Université LUMIERE Lyon 2, **France (coordinator)**
2. UNS - University of Sannio, **Italy**
3. UNL – University Nueva of Lisboa, **Portugal**
4. COGNITUS - SME, **France**

ASIA - Partners Countries

1. CMU - Chiang Mai University, **Thailand**
2. KU - Kasetsart University, **Thailand**
3. CDU - Chengdu University, **China**
4. CUIT - Chengdu University of Information Technology, **China**
5. UPM - Universiti Putra Malaysia, **Malaysia**
6. UTM - Universiti Teknologi Malaysia, **Malaysia**

Associated Partners

Lind Homecare (SME, France); KnowledgeBiz (SME, Portugal); MCMC (Gov. Agency, Malaysia); CAIRO (Stakeholder, Malaysia)..





SHYFTE 4.0 Aims & Objectives



Co-funded by the
Erasmus+ Programme
of the European Union

The overall aims of SHYFTE project are:



BUILD AND STRENGTHEN LINKS

between HEIs and Industry 4.0, and promote the job market by minimizing the skills gap.



SUPPORT ACADEMIC AND ADMINISTRATIVE STAFF

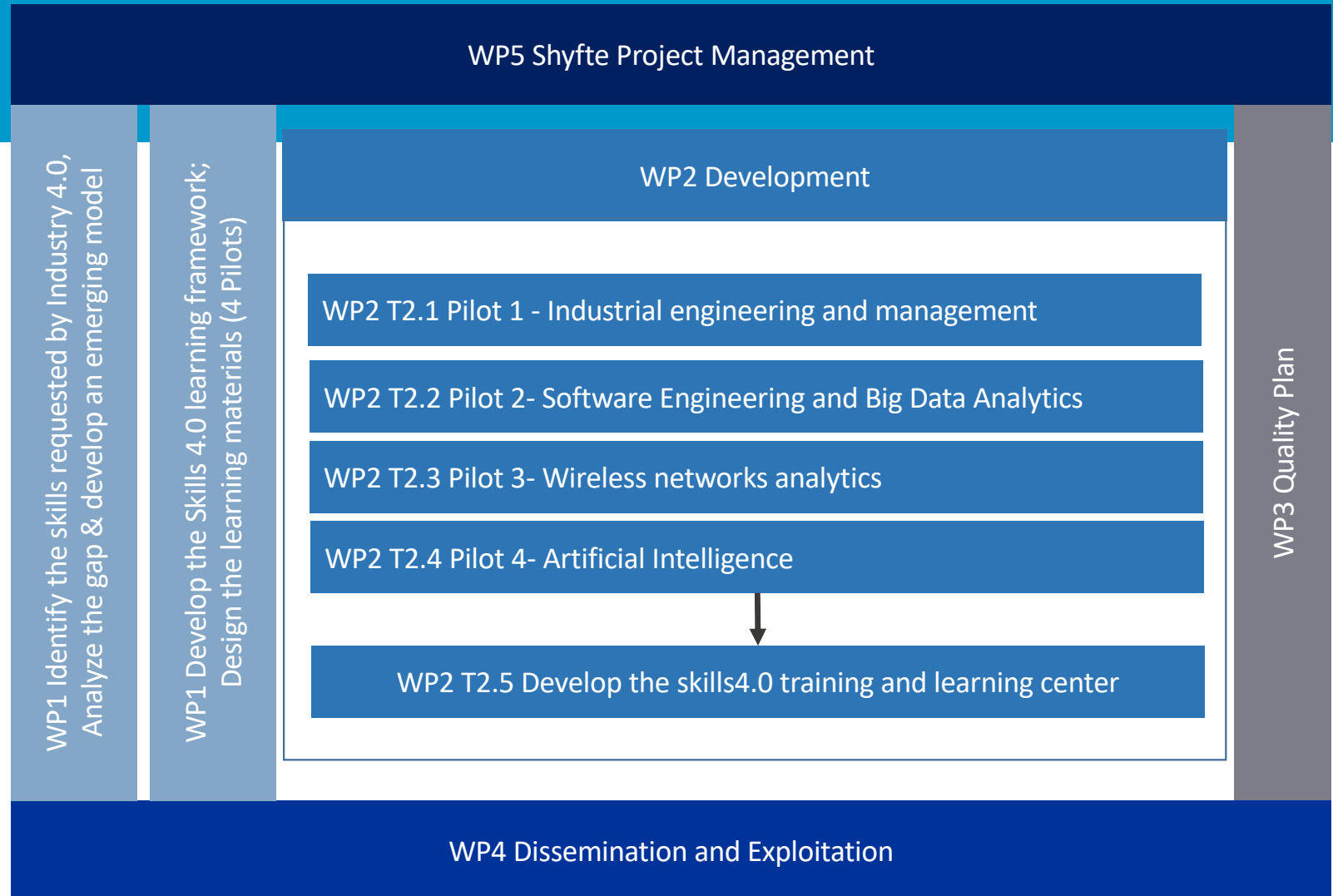
in Asian HEIs to design and implement new methodology and learning materials.



BUILD SKILLS 4.0 LABS
or Learning centers of excellence in Asian Partner's HEI to enable each of them to become the reference center in its country.



SHYFTE 4.0 will provide the basic and novel skill development strategy in both EU and Asia with main focus on four research domains



Pilot 1: Industrial Engineering and Management



Co-funded by the
Erasmus+ Programme
of the European Union

Partners Leaders KU-CMU

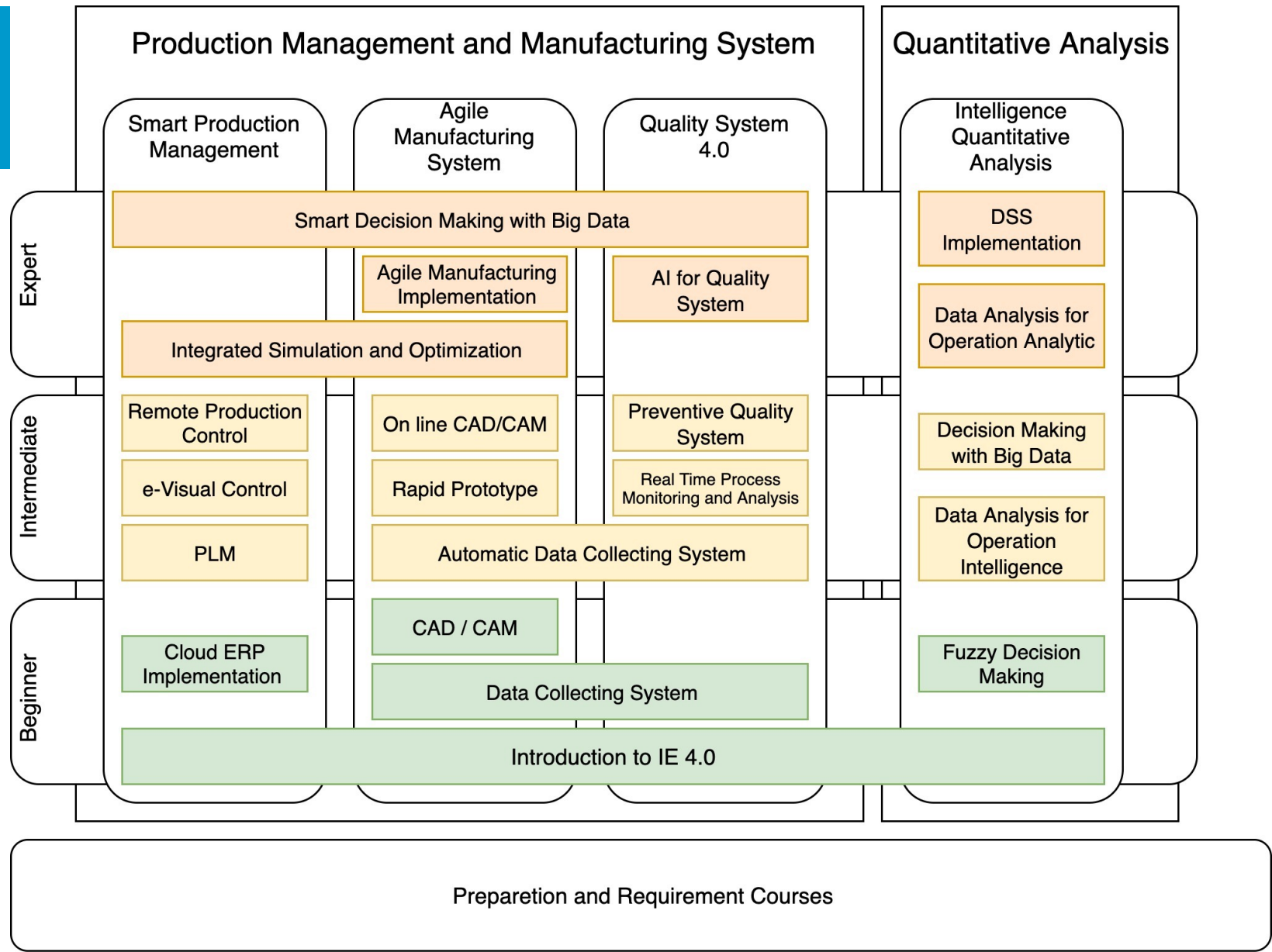
The Learning framework for the first domain, “Industrial Engineering and Management”, is defined on the two topics: “Industrial Engineering” and “Business Management”. Seven Skill Sets (SkS) are defined:

- **SkS-D1-1:** Smart Production Management
- **SkS-D1-2:** Agile Manufacturing System
- **SkS-D1-3:** Quality System 4.0
- **SkS-D1-4:** Intelligence Quantitative Analysis
- **SkS-D1-5:** Organizational Transformation;
- **SkS-D1-6:** Digital Strategic Management;
- **SkS-D1-7:** Business Revolution for Industry 4.0.



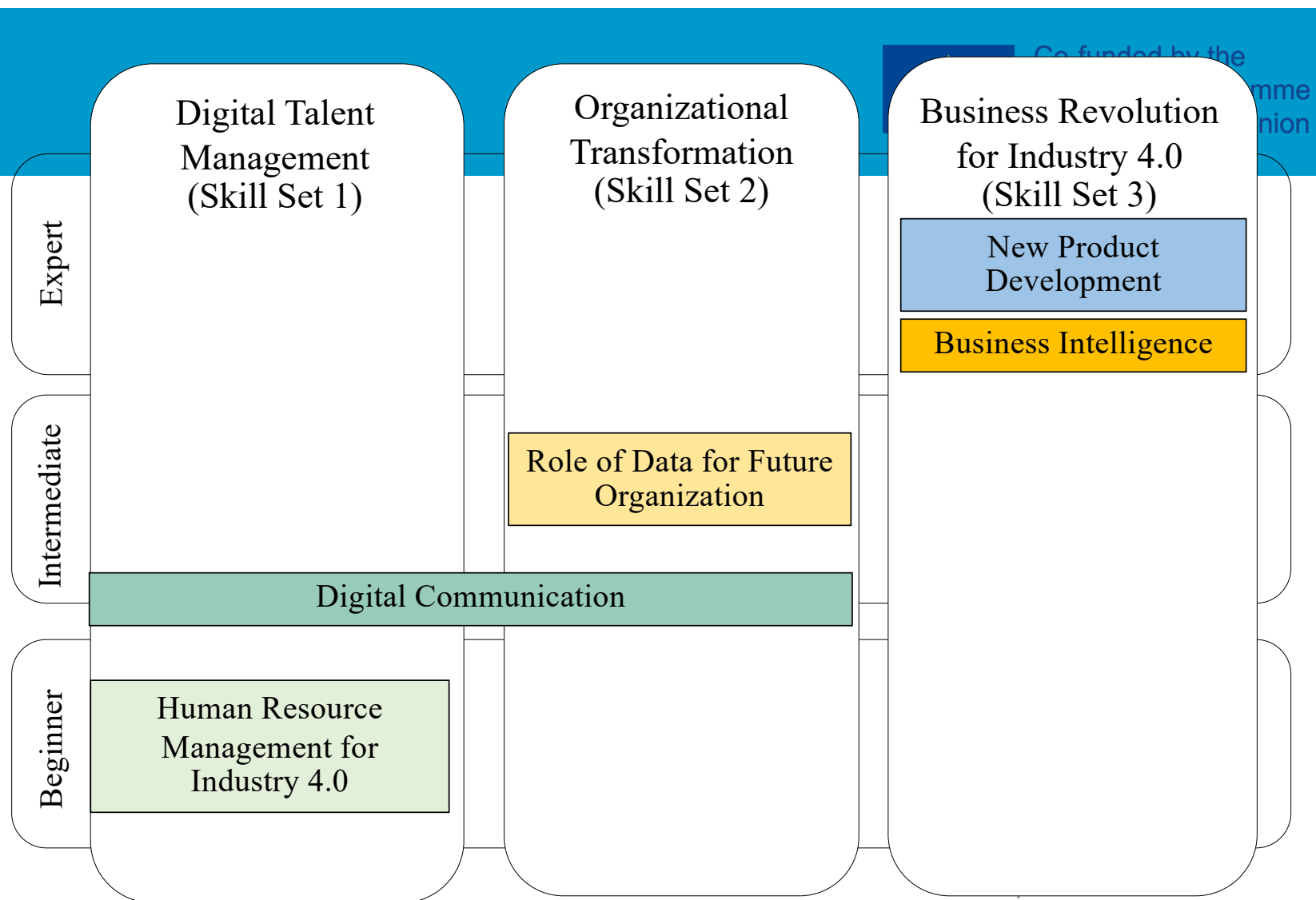


Pilot 1
Industrial
Engineering
and
Management

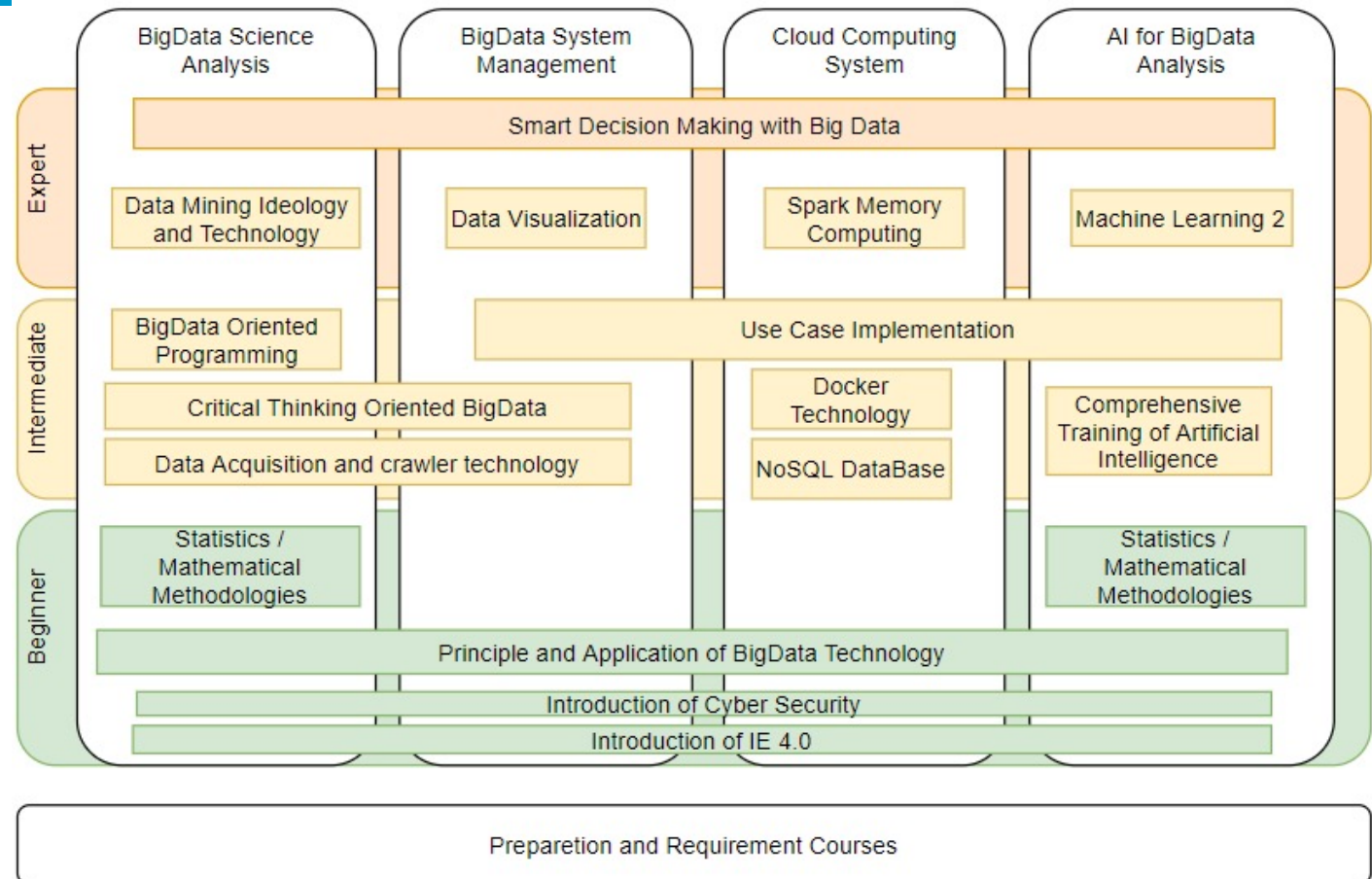




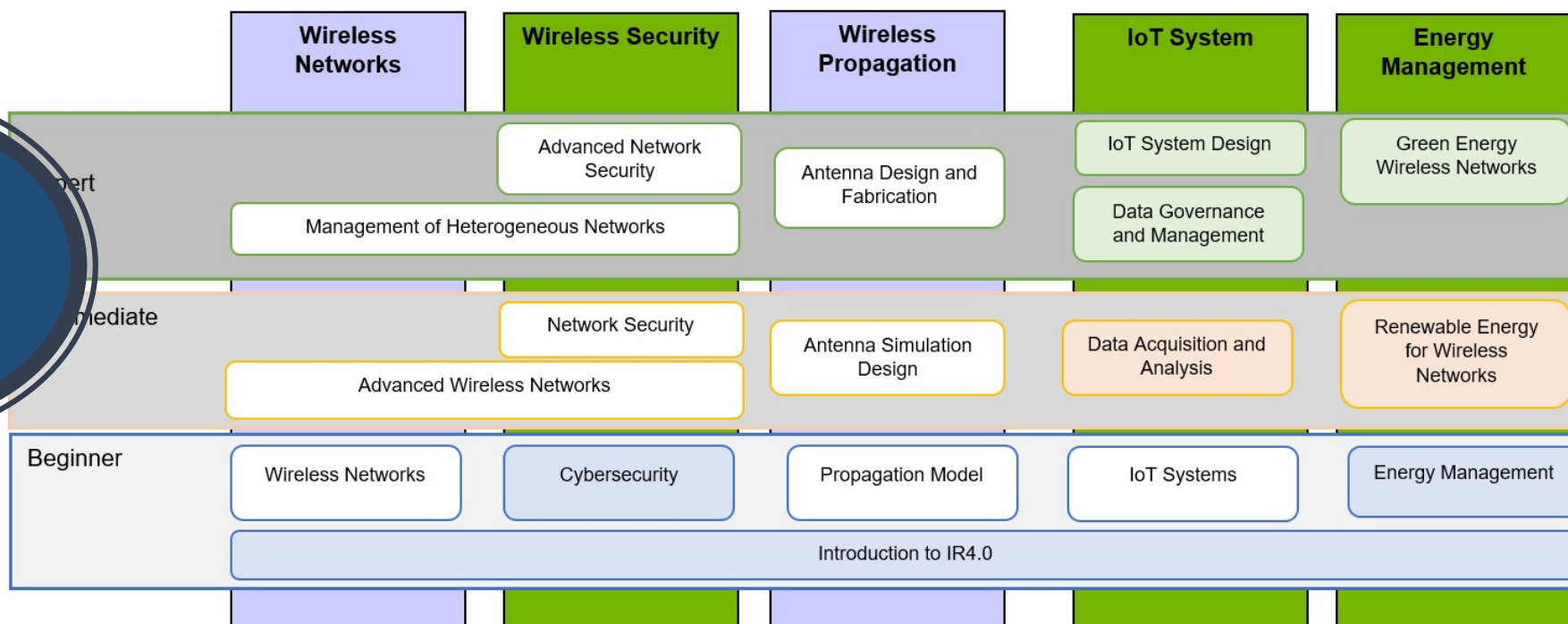
Pilot 1
Industrial
Engineering
and
Management



Pilot 2
Software
Engineering &
Big Data
Analytics

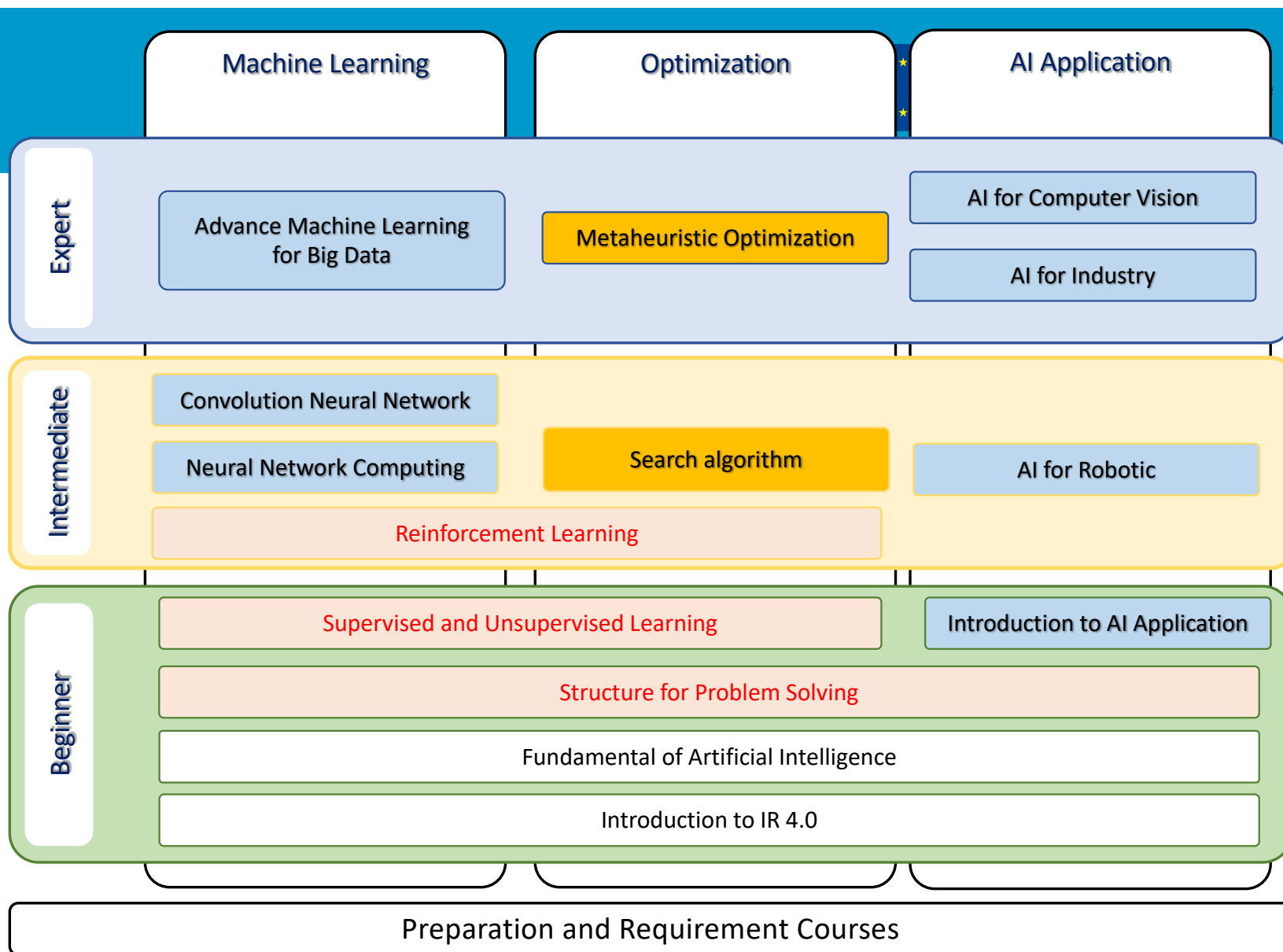


SHYFTE Domain: Wireless Networks and Analytics





Pilot 4 Artificial Intelligence





Objectives



Co-funded by the
Erasmus+ Programme
of the European Union

- For each pilot, the **partners countries train skills 4.0 trainers (10/PCs)** and certify them to be able to train and coach students.
- During Shyfte project, **50 students per University** will benefit with Shyfte 4 pilots
- **Objectives:** train at least **60 trainers + 300 students** (50 per partner)
- For the four domains the first Training of the Trainers Session will take place in June-July-August 2021

The programmes and schedule will be presented soon on the project website
www.shyfte.eu



Co-funded by the
Erasmus+ Programme
of the European Union

SHYFTE 4.0

Thank you !
Have a good training
