



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



# Master Degree in Industry 4.0

Ind4.0 (610455-EPP-1-MY-EPPKA2-CBHE-JP)

AGRICULTURE

AUTOMOTIVE

MANUFACTURING

HEALTH

## DELIVERABLE OF ERASMUS+IND4.0 WP3

**D3.2 Capacity Building Training Workshops to Asian HEIs**

**D3.3 Online Training of Asian HEI academic personnel**



Master Degree in Industry 4.0  
610455-EPP-1-2019-1-MY-EPPKA2-CBHE-JP

## D3.2 Capacity Building Training Workshops to Asian HEIs

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



Master Degree in Industry 4.0  
610455-EPP-1-2019-1-MY-EPPKA2-CBHE-JP

## D3.2 Capacity Building Training Workshops to Asian HEIs D3.3 Online Training of Asian HEI academic personnel

### Disclaimer:

With the support of the Erasmus+ Programme of the European Union. This document reflects only the view of its authors; the EACEA and the European Commission are not responsible for any use that may be made of the information it contains.



### Projection Information

<b>Project Acronym</b>	InD4.0
<b>Project Full Title</b>	Master Degree in Industry 4.0
<b>Project No</b>	601455-EPP-1-2019-1-MY-EPPKA2-CBHE-JP
<b>Funding Scheme</b>	ERASMUS+ KA2 Capacity Building in the field of Higher Education
<b>Coordinator</b>	Universiti Teknologi MARA (UiTM)
<b>Project Website</b>	<a href="https://www.ind4-0-eu.my/">https://www.ind4-0-eu.my/</a>

<b>Work Package</b>	3. Development of educational material, labs infrastructure & Capacity building
<b>Deliverable:</b>	3.2 Capacity Building Training Workshops to Asian HEIs 3.3 Online Training of Asian HEI Academic Personnel
<b>Type:</b>	Document
<b>Dissemination level:</b>	Public
<b>Version:</b>	Final
<b>Delivery date:</b>	27/07/2022
<b>Keywords:</b>	Workshop, capacity building, staff training
<b>Abstract:</b>	This deliverable describes the results of the Workshop organized in Medan (Indonesia) at the University of Sumatera Utara that was conducted with the aim to transfer knowledge and expertise from EU partners to Asian partners on latest teaching methodologies and expertise. Details of the activities undertaken, and the results of the visits are described.
<b>Authors</b>	Alessandra Pezzati <i>Guglielmo Marconi University</i>
<b>Reviewed by</b>	All Partners
<b>Date</b>	27/07/2022

### Disclaimer:

With the support of the Erasmus+ Programme of the European Union. This document reflects only the view of its authors; the EACEA and the European Commission are not responsible for any use that may be made of the information it contains.

## Table of contents

1.1

1.2

1.3

1.4

1.5

1.6

1.7

## Abstract

### 1 Medan workshop

#### **1.1** Basic information

18-22 July 2022

#### **1.2** Programme

#### **1.3** Aims and methodology



## 1.4 First day

## 1.5 Second day

## 1.6 Third day

## 1.7 Fourth day

## 2 Conclusions



Ind4.0

Master Degree in Industry 4.0

610455-EPP-1-2019-1-MY-EPPKAZ-CBHE-JP

## ANNEX I – Programme of the Medan Workshop



### Training Agenda

#### WP3.2 - Capacity building of Asian HEI staff (Leader: USGM)

Kampus USU, Medan -Indonesia 18th-22nd July 2022

Day 1 - 18th July, Monday		
09.30-10.00	Opening Remarks/Agenda Presentation	USGM/USU
10.00-10.30	USU's Presentation	USU
10.30-10.45	Coffee Break	
10.45-12.30	WP2 - Presentation of the VET developed	Eirini – AKMI/Prof. Margaret Chan Kit Yok - UiTM
12.30-14.00	Lunch break	
14.00-15.00	Transmedia storytelling	Prof. Domenico Morreale –USGM –online presence
15.00-15.15	Group Picture	USU

Day 2 - 19th July, Tuesday		
09.30-09.45	Welcome	
09.45-11.00	Workshop on “Developing and implementing innovation projects: Why innovation can't happen without standardization”	Mr Arturo Lavallo –Head of the R&D department –USGM
11.00-11.15	Coffee Break	
11.15-12.30	Integrated Laboratory Visit	USU
12.30-14.00	Lunch break	
14.00-15.00	Workshop on learning support, competence development, e-didactics, collaborative learning, e-learning 3.0	Prof. Francesco Ugolini –USGM –online presence





## Training Agenda

### WP3.2 - Capacity building of Asian HEI staff (Leader: USGM)

Kampus USU, Medan - Indonesia 18th-22nd July 2022

#### Day 3 - 20th July, Wednesday

09.30-09.45	Welcome	
09.45-11.00	Identification of research methodologies and selection of contents of research theses, following the requests of companies facing digital transformation 4.0 in Manufacturing, Agriculture/Aquaculture, and Pervasive Health/ Health	Prof. Alberto Garinei - USGM
11.00-11.15	Coffee Break	
11.15-12.30	Teaching methodology of Industry 4.0 in Industrial and Management Engineering Curriculum	Prof. Ioannis Chatzigiannakis - La Sapienza
12.30-14.00	Lunch break	
14.00-15.00	Microlearning, professional courses, MOOCs-Virtual Learning Environment	Eliza Giannaki - Skybridge

#### Day 4 - 21th July, Thursday

09.30-09.45	Welcome	
09.45-10.30	Sharing Session on Establishing New Study Program - Erasmus+ DSAI Experience	Dr. Erna Budhiarti - DSAI USU
10.30-10.45	Coffee Break	
10.45-11.30	The effective implementation of an internship in Asian partners	Eirini Aggeli - AKMI international
11.30-12.30	Information Technology Laboratory Visit	USU
12.30-14.00	Lunch break	
14.00-15.00	Teaching postgraduate courses: the open and distance education model	HOU
15.00-16.00	Reflection on the Training Workshop	USGM

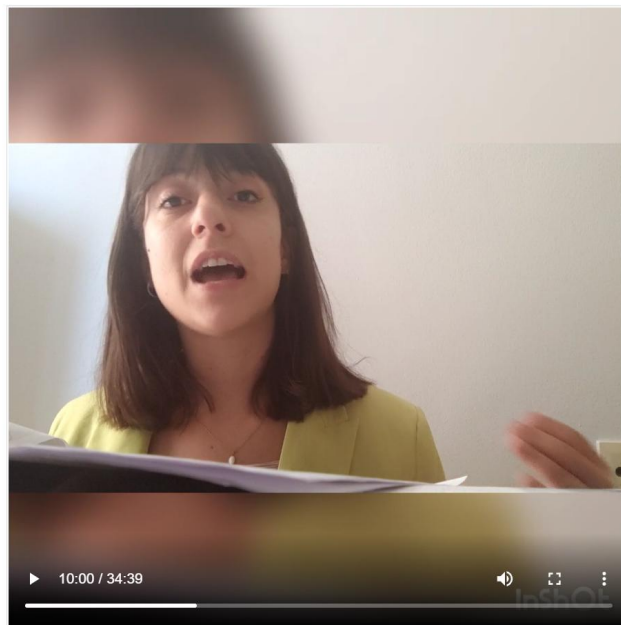
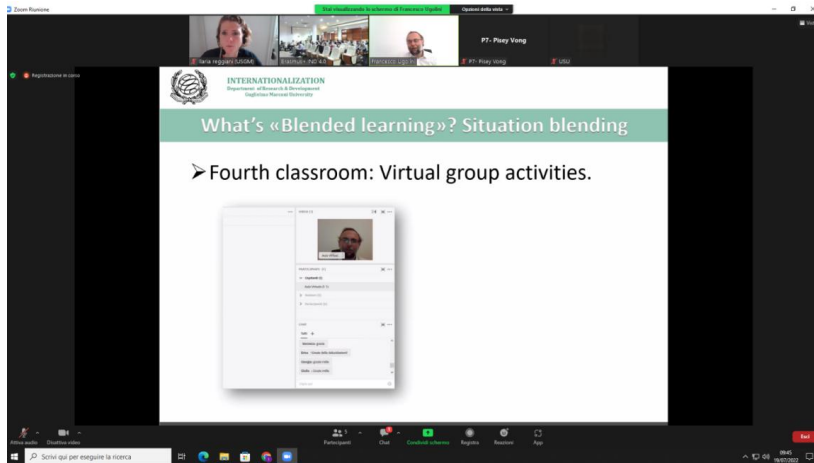
#### Day 5 - 22nd July, Friday

09.30-09.45	Welcome	
09.45-12.00	Steering Meeting	UiTM

## ANNEX II – Photos and Screenshots

---





**The Effective Implementation of an Internship in Asian Partners.mp4**