

# IDOCOS

## Innovative Doctoral Courses for Sustainability

15 May 2023

**Gard Titlestad**

Project manager on behalf of the University of Bergen

Director Nordic Insight

# Overview

- Introduction
- Five reasons for IDOCOS
- What IDOCOS delivers

## Love Ekenberg in memoriam

Department of Computer and Systems Sciences < News

Professor Love Ekenberg has passed away after a period of illness. We miss our good friend and brilliant colleague at the Department of Computer and Systems Sciences, Stockholm University.



Love Ekenberg. Photo: David Falk/SU Holding.

## Love Ekenberg in memoriam

This handbook is dedicated to our dear friend and esteemed colleague Professor Love Ekenberg, who passed away in September 2022 while taking part in the project. We mourn his untimely death, and lament he is not with us to see the end results.

The IDOCOS project partners



Love Ekenberg. Photo: David Falk/SU Holding.

**The authors:**

Mathias Cöster

Mats Danielson

Cecilia Gullberg

Gard Titlestad

Alf Westelius

Gunnar Wettergren

# Digital Transformation

Organisations, Processes, Decisions

## Love Ekenberg in memoriam

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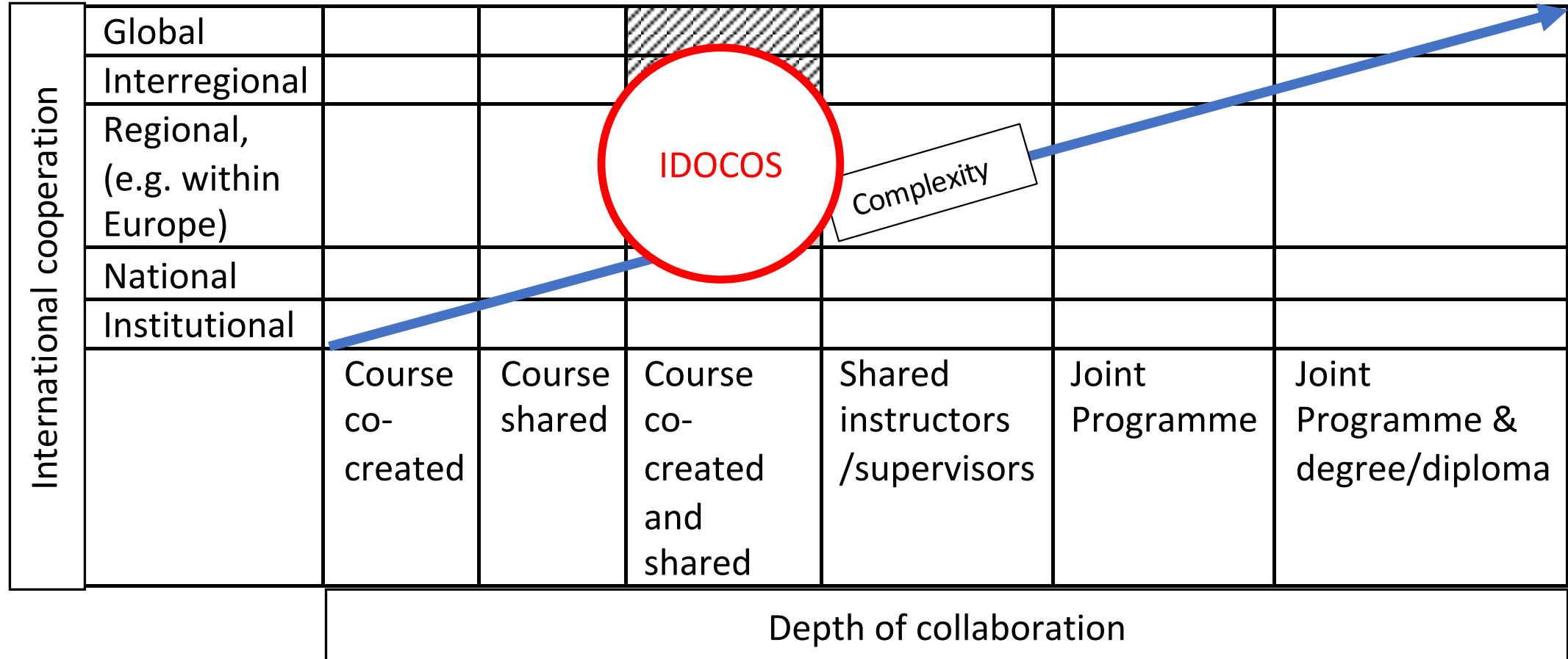


Love Ekenberg. Photo: David Falk/SU Holding.

# IDOCOS aims

- To support and facilitate university staff and doctoral students across universities in different countries
  - -in **co-creation and sharing of digitalised courses and open learning materials** prepared for quality online, flexible and blended teaching and learning
  - -in adopting a scalable and **robust methodology for co-creation and sharing of digitalised courses**
  - -provide **access to shared courses and open learning materials for teaching and learning**
  - -in using relevant tools, (open when available) for co-creation and sharing of open courses and learning materials
  - in building **competencies for digital transformation**

# Focus of IDOCOS



1.

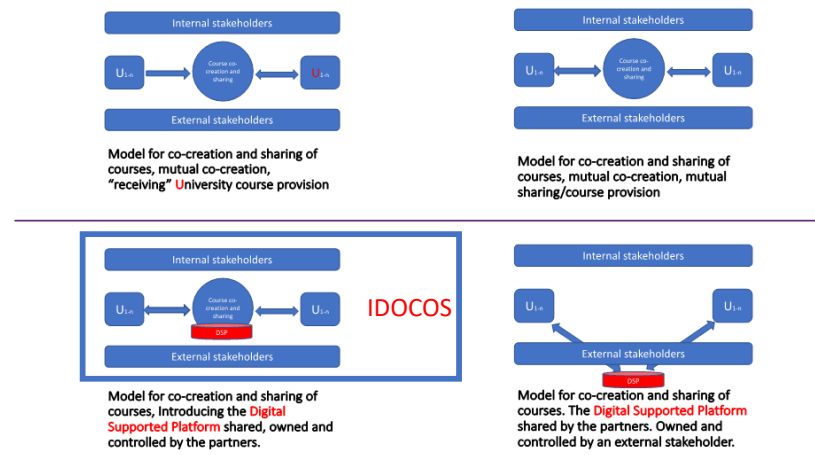
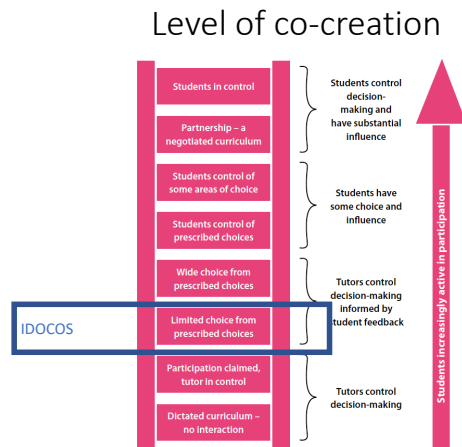
Why IDOCOS?



# Why IDOCOS? 1. – The added value

	Very important	Important	Somewhat important	Not important
Enhance quality in education and research	<b>77%</b>	19%	4%	0%
Share and gain access to expertise	<b>64%</b>	33%	4%	0%
Contribute to professional development through engagement with peers internationally	<b>61%</b>	27%	12%	0%
Explore new influences, opportunities and discourses	<b>59%</b>	30%	10%	1%
Contribute to international capacity building	<b>59%</b>	28%	12%	1%
Career development	<b>54%</b>	27%	18%	1%
Increase the outreach to doctoral candidates	<b>53%</b>	37%	10%	0%
Position the institution as internationally engaged	<b>49%</b>	39%	11%	1%
Increase the relevance and broaden the lecture and course material offer	42%	<b>52%</b>	6%	0%
Access to new funding opportunities	<b>37%</b>	<b>35%</b>	19%	8%
Increase revenue	17%	28%	<b>27%</b>	<b>29%</b>
Reduce fragmentation of the field of study	13%	<b>45%</b>	34%	8%
Reduce cost	10%	23%	<b>42%</b>	25%

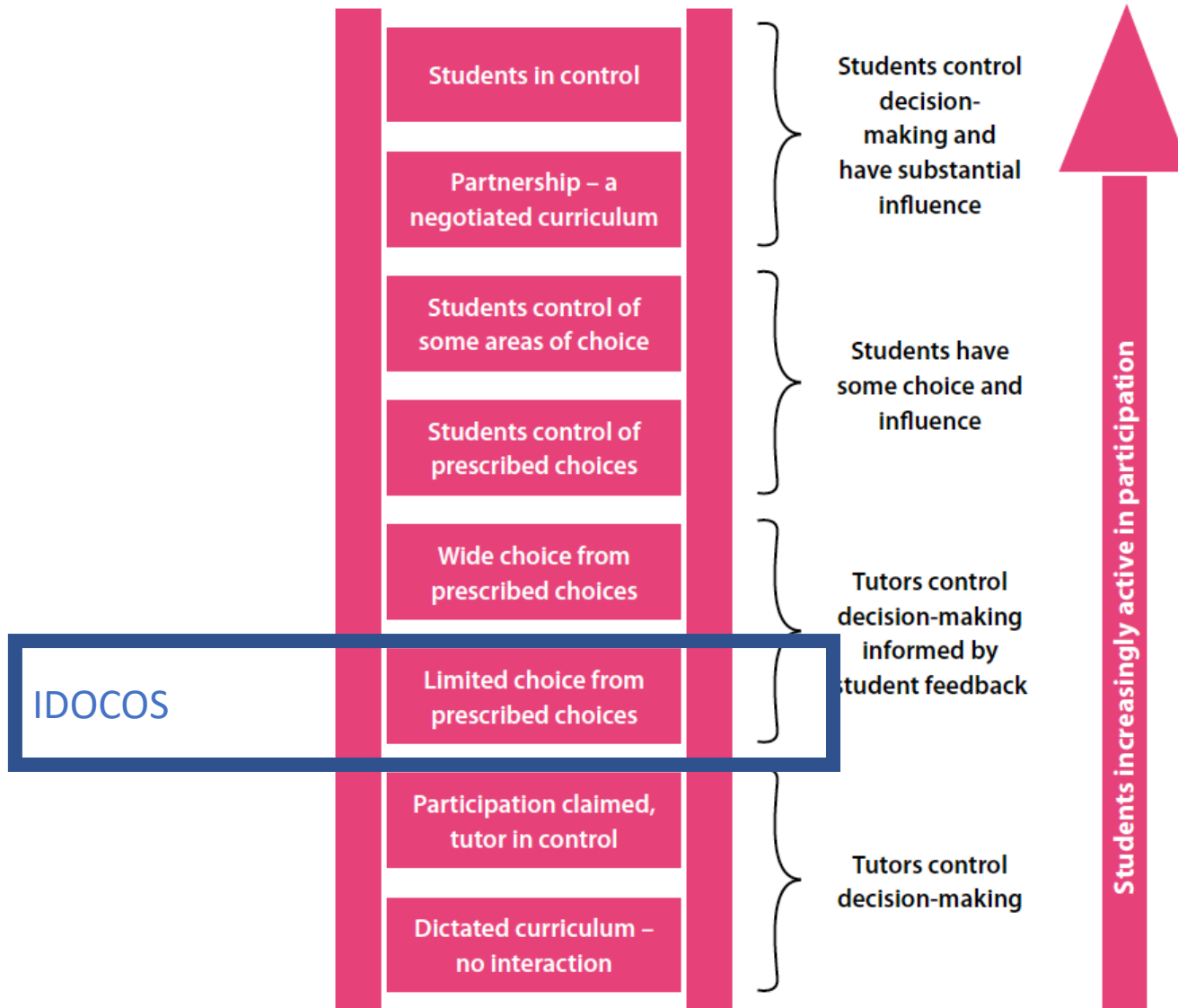
# Why IDOCOS? 2. Methodology, e.g. decide ambition, level of...etc.

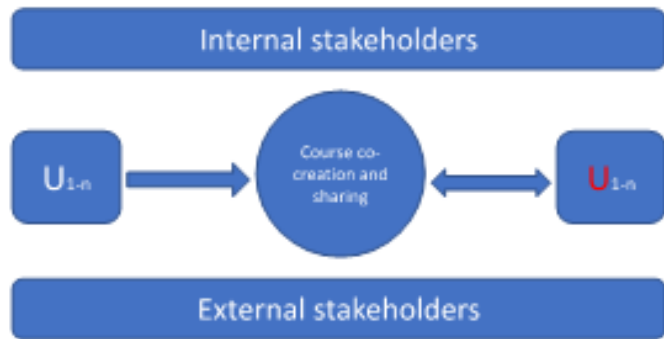


The Sharing four steps ladder, different levels of ambition for sharing.

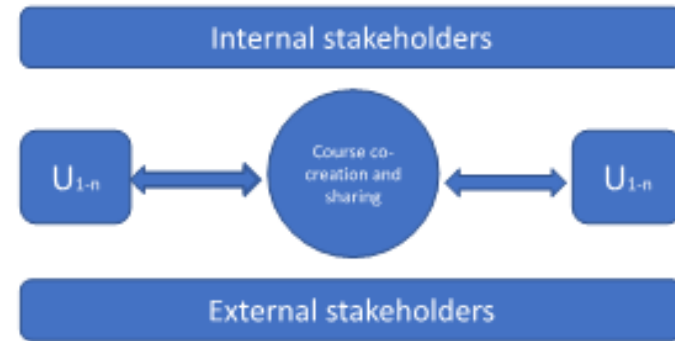
Step 4 Very ambitious	Same as step 3. In addition, shared administrative student data and learning analytics.	Use a shared, digital supported platform, DSP
Step 3 Ambitious	Same as step 2. In addition: A shared LMS accessed by web. Anonymous user data for quality enhancement.	
Step 2 Pragmatic and simple	Shared files and tools in the cloud. Shared content in a database. Files, tools, content and LMSes accessed by web – a shared simple DSP.	IDOCOS
Step 1 Basic	Shared files and tools in the cloud. Local LMSes accessed by students.	

# Level of co-creation

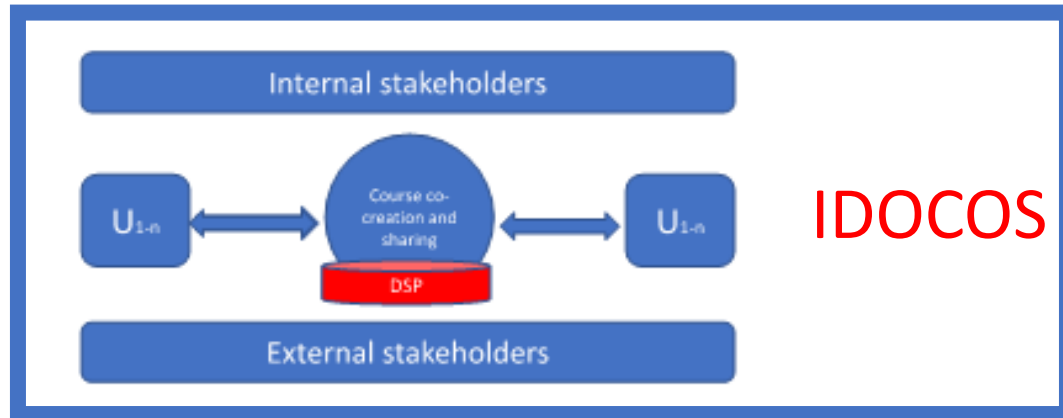




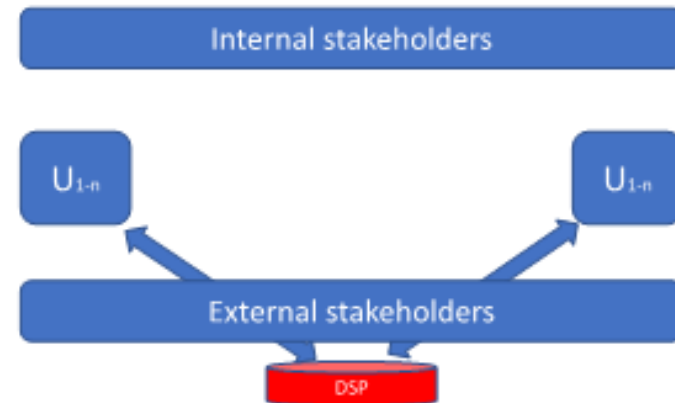
Model for co-creation and sharing of courses, mutual co-creation, "receiving" University course provision



Model for co-creation and sharing of courses, mutual co-creation, mutual sharing/course provision



Model for co-creation and sharing of courses, Introducing the **Digital Supported Platform** shared, owned and controlled by the partners.



Model for co-creation and sharing of courses. The **Digital Supported Platform** shared by the partners. Owned and controlled by an external stakeholder.

## The Sharing four steps ladder, different levels of ambition for sharing.

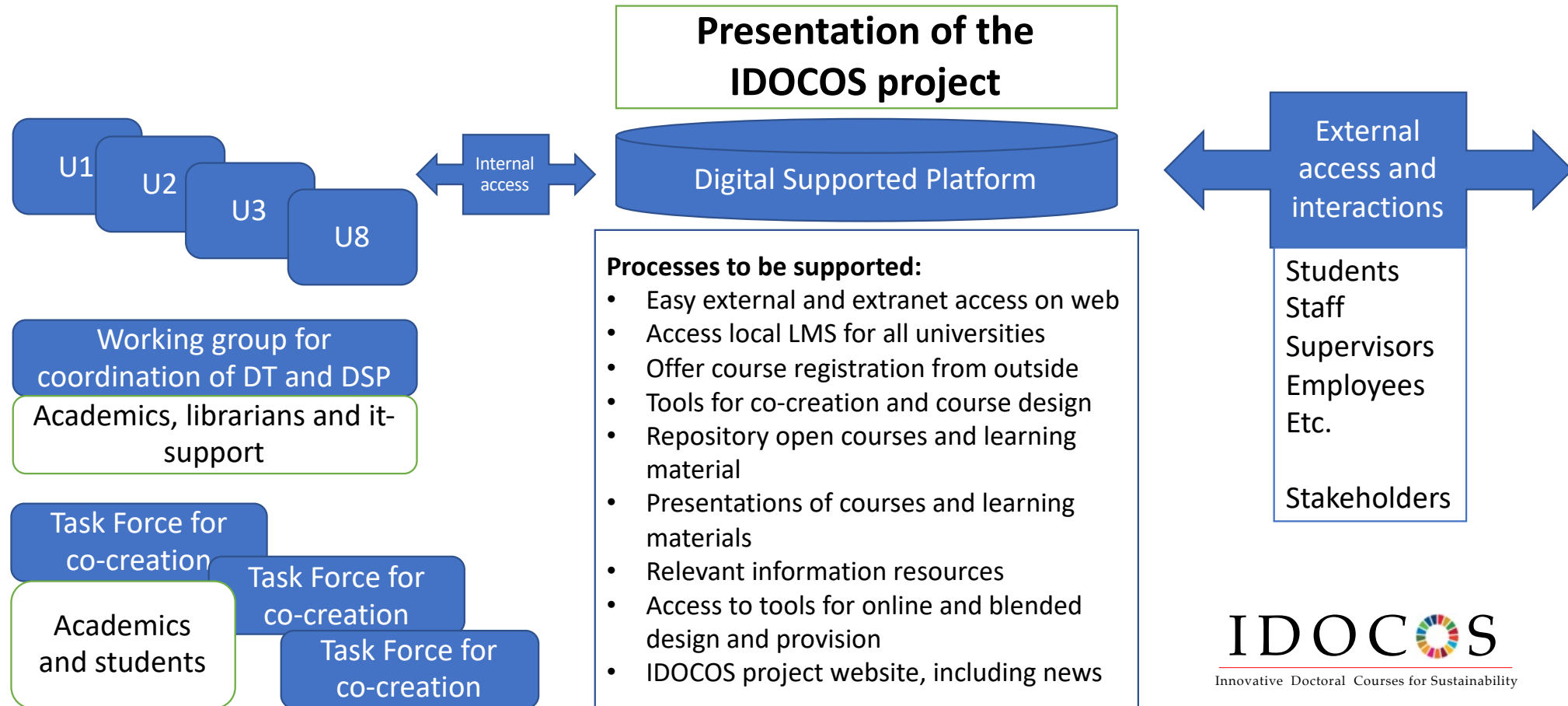
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## Why IDOCOS? 3. Open

**Welcome to the IDOCOS  
platform for co-creation  
and sharing of innovative  
doctoral courses for  
sustainability**

Open for the world  
Provided by IDOCOS

# Why IDOCOS? 4. Inclusive Digital Transformation



# Why IDOCOS? 5. Sustainable Development





3.

What IDOCOS delivers

# The Handbook:



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## **Handbook for co-creation and sharing of doctoral courses, version 2 in an online and blended context**



The IDOCOS project is co-funded by the Erasmus  
+ Strategic Partnership programme of the  
European Union

# The Textbook:

To be published soon:

**OpenBook**  
Publishers 



## Digital Transformation: Understanding Business Goals, Risks, Processes and Decisions

Mathias Cöster

Mats Danielson

Love Ekenberg

Cecilia Gullberg

Gard Titlestad

Alf Westelius

Gunnar Wettergren

# The courses

## ☰ Course overview

All ▾

Search



Digital transformation Alpha group  
Alpha group



Digital transformation Open  
Open group self paced

# The digital supported platform - DSP

## **Welcome to the IDOCOS platform for co-creation and sharing of innovative doctoral courses for sustainability**

Open for the world  
Provided by IDOCOS

[Access course](#)

# A community of practices: TIHESSA

## IDOCOS: Innovative Doctoral Courses for Sustainability

Ongoing project with European partners Norway, Sweden and France, co-funded by the European Union:



**TIHESSA – 11 partners for Transformative inclusive higher education in Sub-Saharan Africa: For sustainable development**



# Thank you!

[titlestad@nordic-insight.com](mailto:titlestad@nordic-insight.com)

**Gard Titlestad**

IDOCOS Project manager on behalf of UiB

Director Nordic Insight

# IDOCOS

## The Digital Supported Platform

15 May 2023

**Gard Titlestad & Johan Thorbiörnson**