

Blended intensive program

Collaborative work on innovative and sustainable projects

Workshop 1: Sustainable development goals

15/05/2023

Today's workshop program

- Introduction
- Ice breaking time
- Sustainability and business model (Nikola Balić, Split)
- SDG applied to project for campuses, presentation of the UBO strategy (Mallorie Bodériou)
- Sustainable development analysis tool and methodology (Yves Quéré)
- Share your thoughts
- Conclusion

Workshop1: SDGs

Introduction: pedagogical team

Workshop1: SDGs



Yves Quéré



Julia Fougère



Sarah Noll



Mallorie Bodériou



Ivana Vuka



Nikola Balić

Introduction: Why this BIP?

An opportunity to learn...

- Developing 21st century skills
- Using tools to take into consideration the impacts of the projects
- Experimentation of a process to address problems
 - Focusing on the real needs of the user, based on iteration, encouraging creativity

An opportunity to take advantage of the interculturality and diversity of the group...

- Creation of a database of ideas and prototypes

Learning Skills

- critical thinking
- creativity
- collaboration
- communication

Literacy Skills

- information
- media
- technology

Life Skills

- flexibility
- leadership
- initiative
- productivity
- social skills

Applied educational systems

Workshop1: SDGs

Introduction: Why this BIP?

- UBO Open Factory: innovation laboratory of UBO
 - For students: development of transversal skills and project support
 - Digital fabrication, collective intelligence, creativity, design thinking
- Partnership with UNIST and NTNU
 - CHIC project: Creating Holistic Innovation Capacity
 - Common interest on innovation, entrepreneurship, sustainability



Workshop1: SDGs

Introduction: program reminder

3 online workshops to be ready for the onsite week:

- 1.** SDGs - 15/05
- 2.** Innovation and Intellectual Property Rights - 24/05
- 3.** Back to the future university - 30/05

Workshop1: SDGs



Introduction: program reminder

5 days in Brest: creative marathon on projects for a better campus

- 1.** Fablab immersion, visit of a innovation center for health and tour of Brest city
- 2.** Posture for a better collaboration, framework and exploration of a subject
- 3.** Definition of a relevant challenge and solution ideation
- 4.** Prototype, documentation and pitch
- 5.** Reflection on your learning and experience and cultural visit

Workshop1: SDGs

Ice breaking time

Break out rooms

Share with the others: why are you participating to this BIP?

Workshop1: SDGs

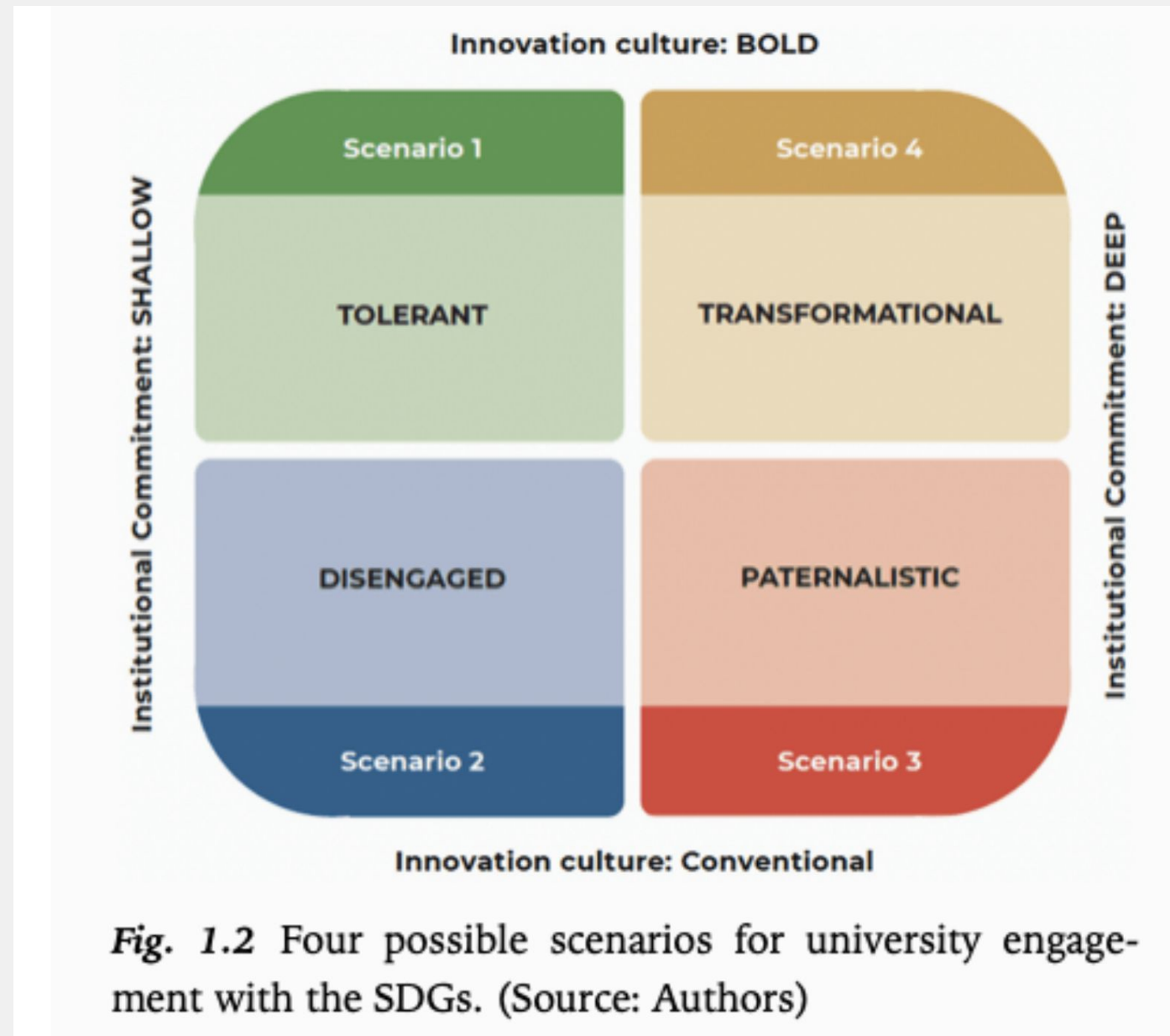
Sustainability and business model - Nikola Balić

Workshop1: SDGs

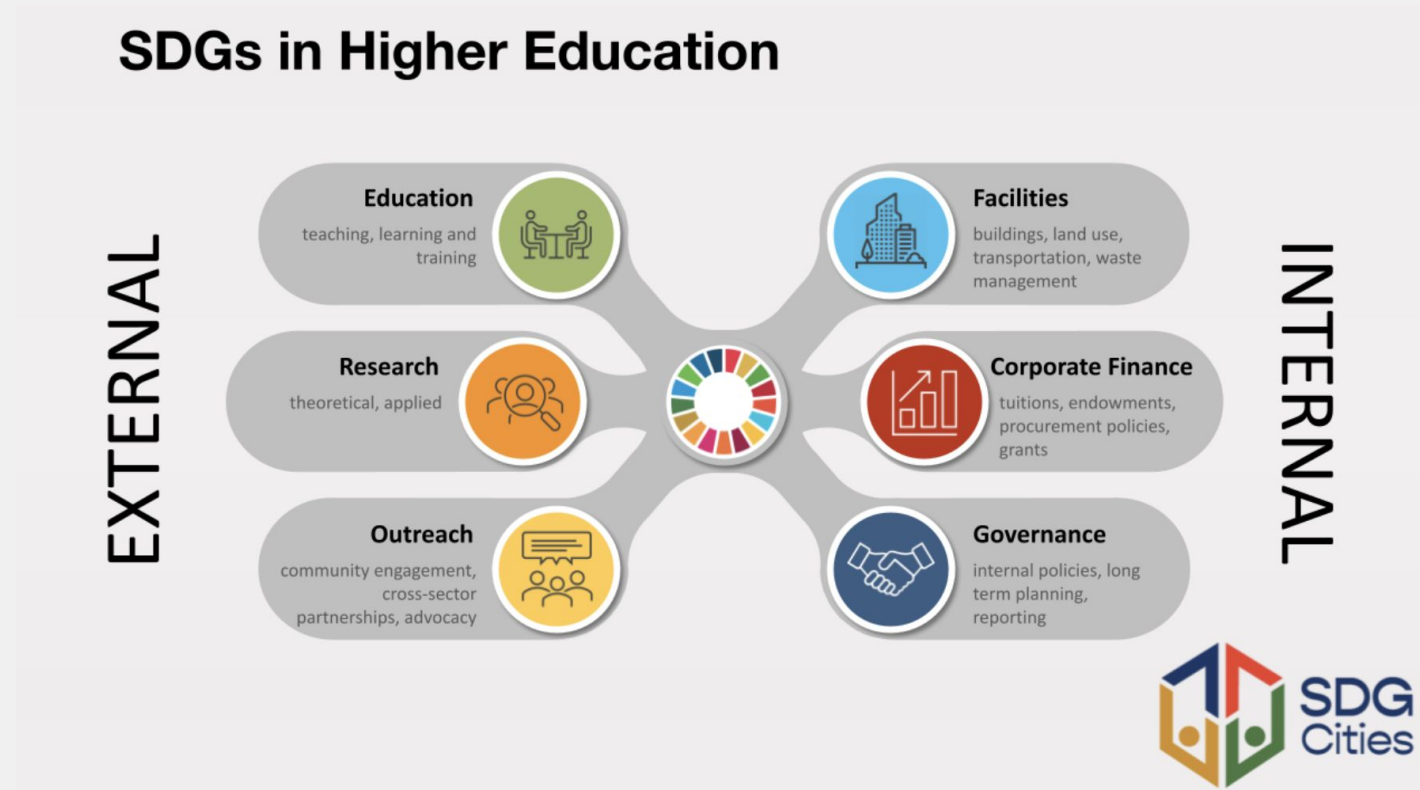
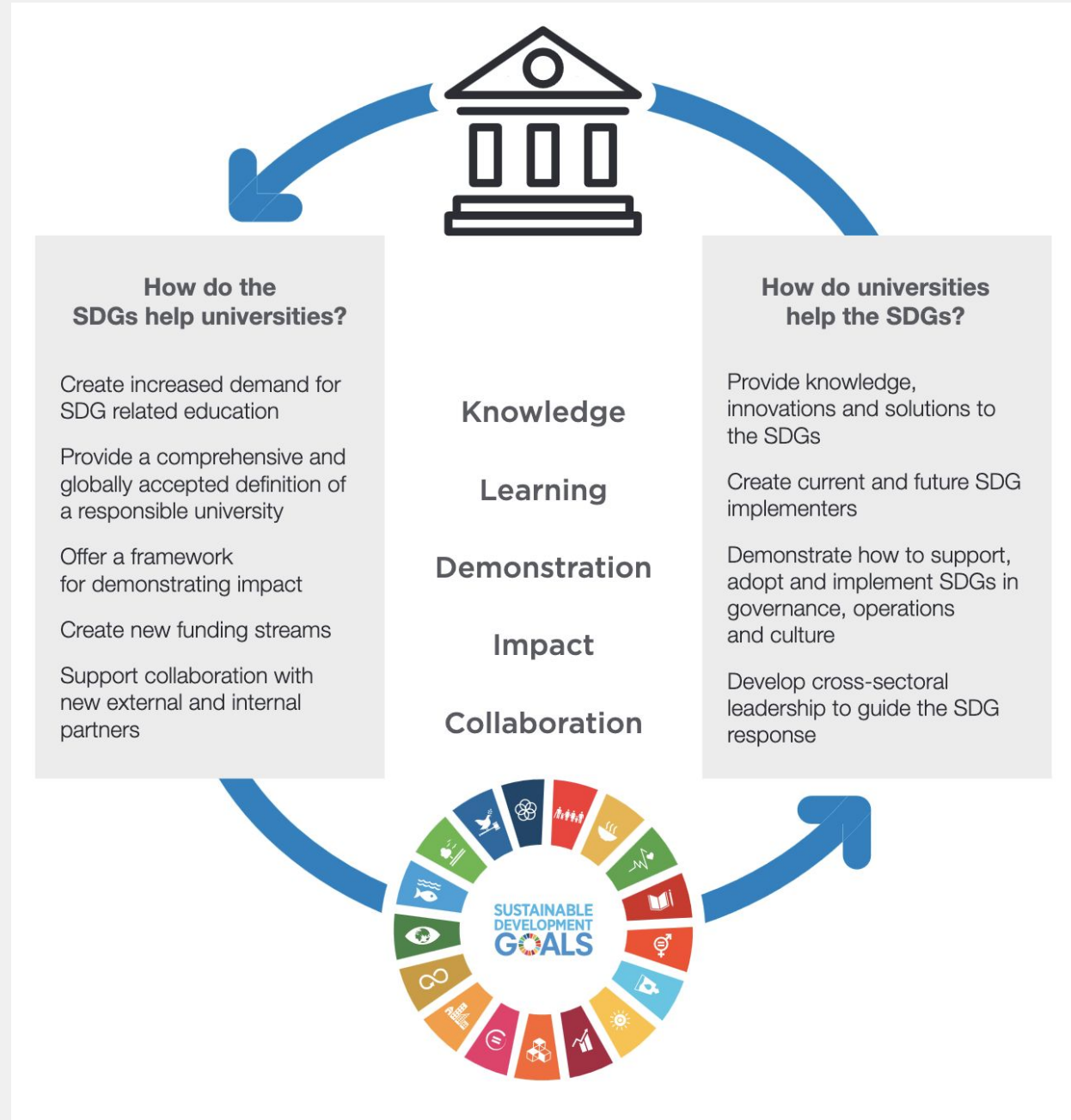
SDG Applied to projects for campuses



SDG Applied to projects for campuses



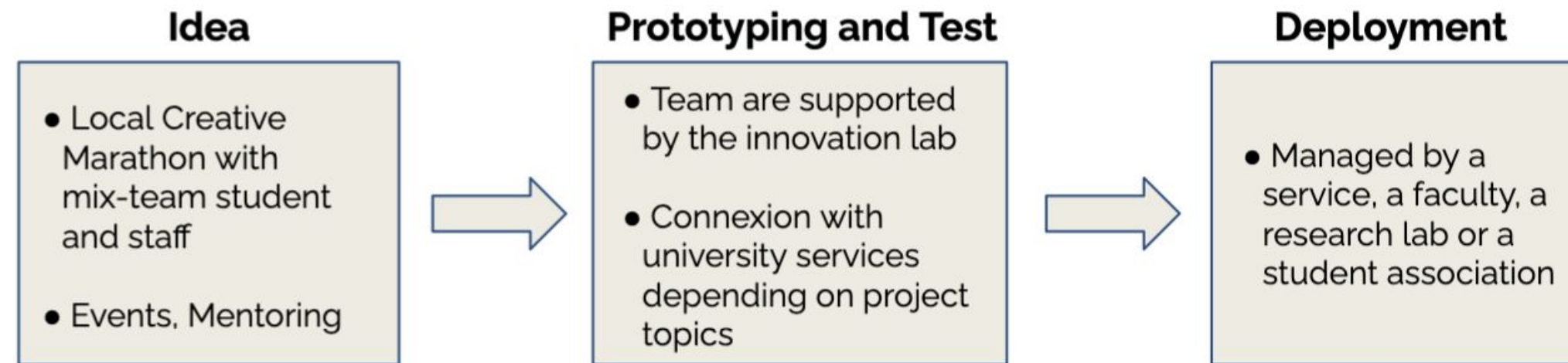
SDG Applied to projects for campuses



SDG Applied to projects for campuses



Innovative and sustainable campus at UBO



Novelty:

- Mix team students and employees facilitating project transformation in the campus (participation of employees) and creativity (participation of students)
- Project support by the innovation laboratory (Design thinking, Prototyping) and internal committee (offices of the university)
- A progressive process to facilitate wide participation of students and employees
- A process combining innovation and sustainability
- A process promoting experimentation to get more data (user interest, technical feasibility, cost etc)

Innovative and sustainable campus at UBO



Optimisation des toits de l'université

Organiser une production végétale automatisée et autonome sur les toits de l'université.

Tous les sites



Parc à vélos sécurisé

Sécuriser les parcs à vélo pour permettre à plus de monde de venir en vélo en évitant les vols

Institut Universitaire de Technologie - Site de Brest IUT de Brest



Plasti'Game

Plasti'Game est un projet de création de jeu de plateau ayant pour but de sensibiliser l'ensemble de la communauté UBO à l'impact de la pollution par les plastiques et de découvrir les solutions qui s'offrent à nous pour limiter cette problématique.

Institut Universitaire Européen de la Mer (IUEM)



Prairie Fleurie

Fleurir de manière pérenne l'espace vert situé entre les bâtiments N et les couloirs d'accès aux amphis et bâtiments F.G..

Faculté des Sciences et Techniques



Abris alliant végétal et bois imputrescible et hébergeant du mobilier eco-responsable.

La création d'abris dont les toits et façades seront végétalisés et dans lesquels se nichera du mobilier eco-responsable pour se détendre, déjeuner, s'abriter.

Pôle Pierre-Jakez Hélias



Apiculture à l'UBO

Installation de ruches sur le campus de l'UBO.

Faculté des Lettres et Sciences Humaines Faculté des Sciences et Techniques



Application de co-voiturage inter-UBO

Telle les applications de covoiturage déjà existantes, celle-ci viserait à mettre en relation les gens qui font le même trajet en voiture, tous les jours ou occasionnellement, à la différence qu'elle serait propre à l'UBO.

Tous les sites



Des fleurs pour Pierre-Jakez Hélias !

Mettons les mains dans la terre et de la couleur sur les vastes pelouses du pôle universitaire, et préparons-les à attirer davantage d'insectes et d'oiseaux...

Pôle Pierre-Jakez Hélias Institut National Supérieur du professorat et de l'éducation en Bretagne (INSPE) - Quimper

UBO strategy - Mallorie Bodériou

Workshop1: SDGs



Sustainable development analysis tool and methodology - Yves Quéré

Workshop1: SDGs

Share your thoughts

Miro activity:

What do you think is important to change in your university for it to be more sustainable?

Workshop1: SDGs

Conclusion

Within a small sentence:

What is one thing you've learned today?

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