

E-GUIDELINES

IGNITE Innovative Learning Practices & Digital Tools

Recommendations & practical guidance for higher education
institutions to implement the IGNITE learning methods and digital tools

Partners



UNIVERSITAT POLITÈCNICA
DE CATALUNYA
BARCELONATECH



MEDNARODNA
PODIPLOMSKA ŠOLA
JOŽEFA STEFANA



WHAT WE LEARNED FROM THE EVALUATION

IGNITE works better when learning is visual, structured, practical, and connected to clear competence development.

47.2% Prefer visual information
Use diagrams, animations, and visual summaries.

38.9% Connect through practice
Move quickly from explanation to application.

WHAT THE EVALUATION REPORT EVIDENCE TELLS US

IGNITE works better when learning is visual, structured, practical, and connected to clear competence development.

34.3% Prefer sequential videos

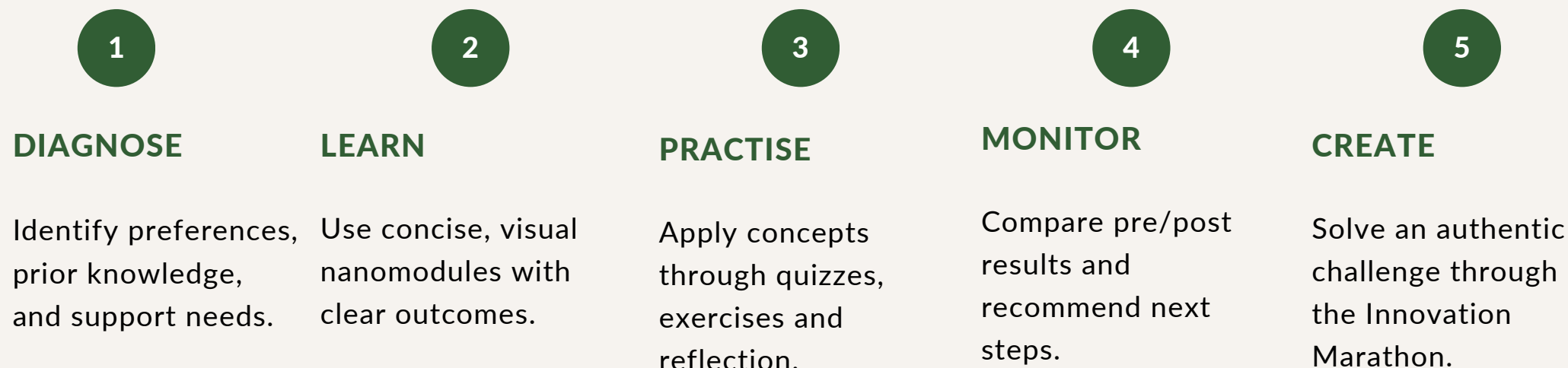
Build clear, step-by-step learning pathways.

9/10 Rated the app as easy to use

Keep onboarding lightweight and optional.

TREAT IGNITE AS ONE LEARNING CYCLE

The components create value when they are intentionally connected, not deployed as isolated outputs.



Curriculum rule: every stage should show the learner what comes next.

BUILD NANOMODULES FOR CLARITY AND ACTION

QUALITY ESSENTIALS

*Captions • consistent sound and visuals • clear links between videos • outcome-aligned quizzes • explanatory feedback
• named owner and review date*

1

Hook with relevance

2

Explain visually

3

Proceed step by step

4

End with action + feedback

Partners



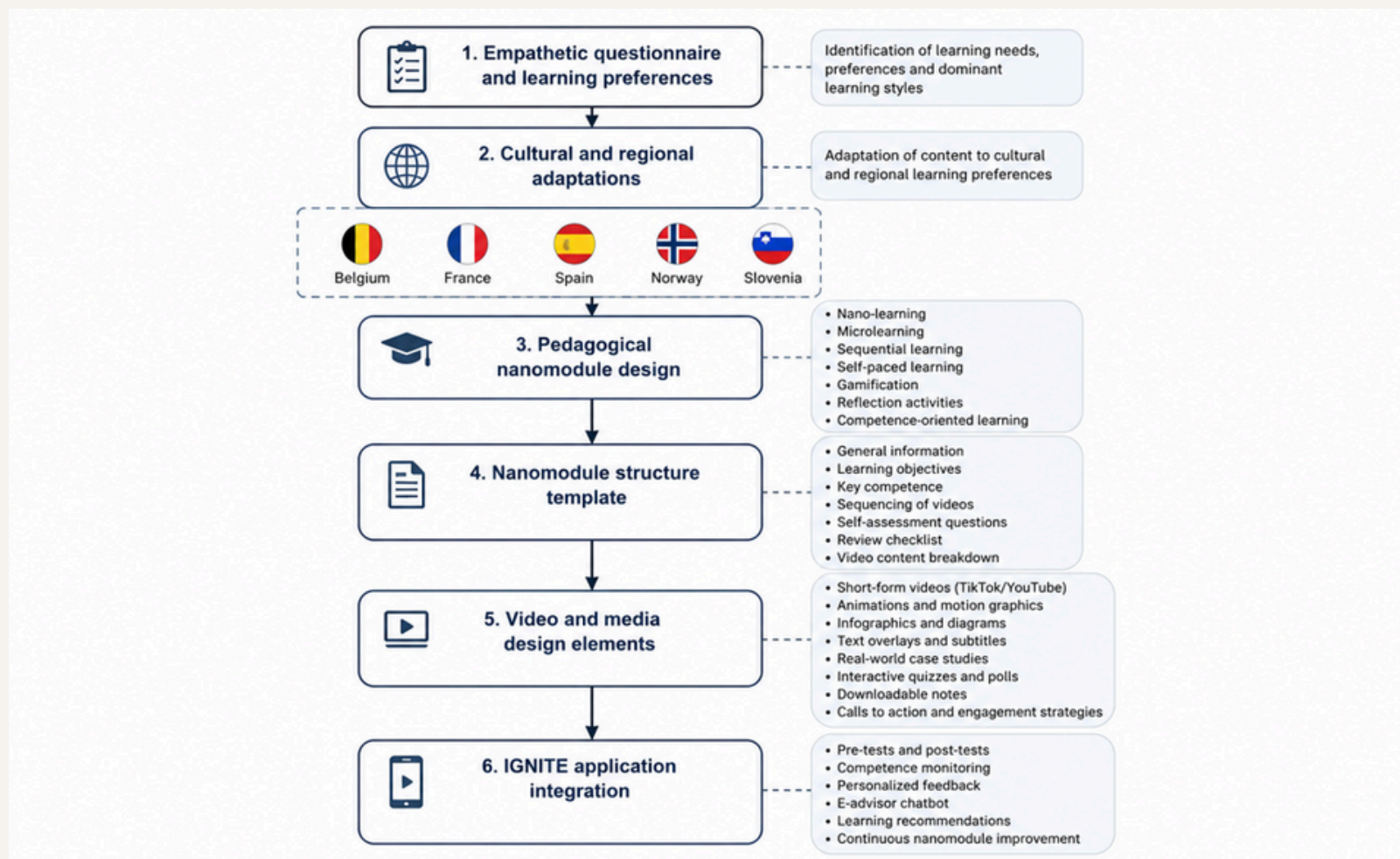
UNIVERSITAT POLITÈCNICA
DE CATALUNYA
BARCELONATECH



MEDNARODNA
PODIPLOMSKA ŠOLA
JOŽEFA STEFANA



RECOMMENDED PRODUCTION FRAMEWORK



USE DIGITAL TOOLS TO MAKE PROGRESS VISIBLE

The Virtual Learning Garden supports practice. The competence application supports reflection and direction.

Virtual Learning Garden

PRACTISE

Quizzes and exercises reinforce the nanomodules.

PROGRESS

Badges recognise defined learning achievements.

ENGAGE

Use collaboration and mastery, not superficial clicks.

Competence monitoring

ASSESS

Compare outcome-aligned pre/post results.

REFLECT

Show what improved and what still needs work.

GUIDE

Recommend transparent next learning steps.

IgniteSphere | CONNECT & SHARE

Support collaboration, exchange ideas and connect learners, educators and stakeholders.

Partners



UNIVERSITAT POLITÈCNICA
DE CATALUNYA
BARCELONATECH



MEDNARODNA
PODIPLOMSKA ŠOLA
JOŽEFA STEFANA



FROM LEARNING TO SUSTAINABLE INNOVATION

INNOVATION MARATHON PROCESS

A 4-month student innovation journey



A PRACTICAL ROADMAP FOR INSTITUTIONAL ADOPTION

0-3 Months PREPARE

Select courses; map outcomes; review accessibility; define owners and indicators.

3-6 Months PILOT

Train staff; integrate one learning pathway; collect baseline and completion data.

6-12 Months IMPROVE

Review analytics and feedback; refine assessments, content and onboarding.

12+ Months SCALE

Extend to other disciplines; repeat the Marathon; formalise maintenance and partnerships.

Partners





YOUR IGNITE READINESS CHECKLIST

***Start small. Connect the components.
Measure what matters.***

*IGNITE offers a transferable model for
learner-centred, competence-oriented
STEAM education.*

An HEI is ready to implement when these seven conditions are in place.

OUTCOMES

Each activity maps to a programme competence.

PATHWAY

Learners can see the sequence and the next step.

QUALITY

Nanomodules meet common production standards.

ASSESSMENT

Pre/post items and project rubrics are aligned.

ACCESS

Captions, contrast, keyboard, and mobile use are tested.

EVIDENCE

We agreed on a minimum analytics and feedback dataset.

OWNERSHIP

Named staff maintain content, tools, and partnerships.

Partners



UNIVERSITAT POLITÈCNICA
DE CATALUNYA
BARCELONATECH



MEDNARODNA
PODIPLOMSKA ŠOLA
JOŽEFA STEFANA



Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Education and Culture Executive Agency (EACEA). Neither the European Union nor EACEA can be held responsible for them.

ignite-project.eu