



***Developing and improving the STEAM skills of
students and teachers for curriculum innovation and
sustainable development of higher education and
local businesses
- Skills4future -***

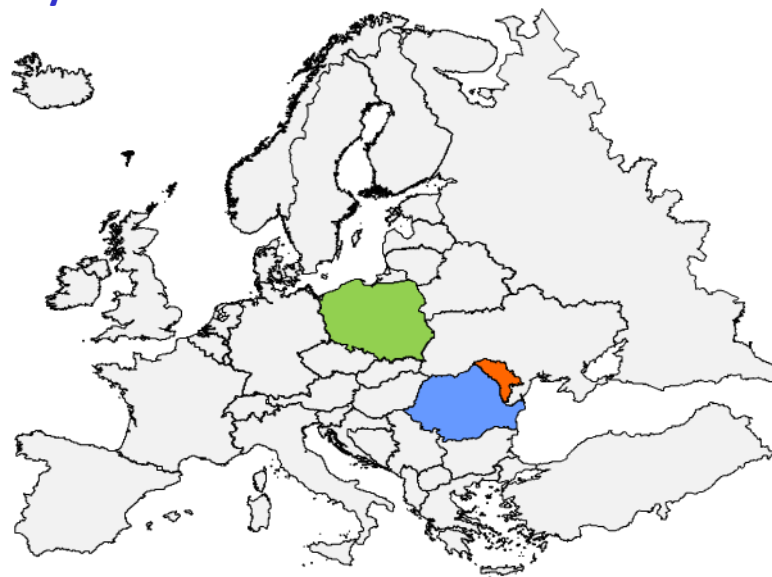
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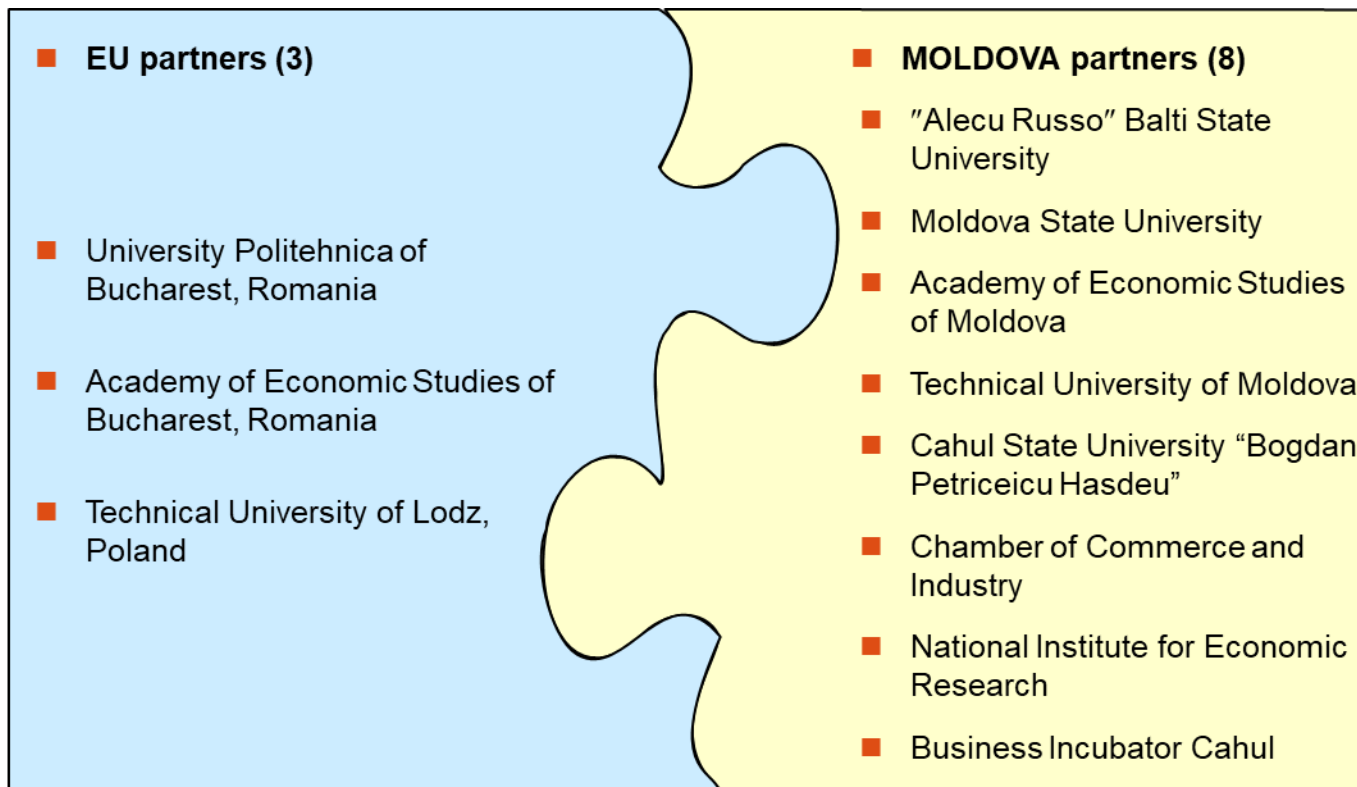
Skills4future - overview

- **Project type:**
 - National project targeting HEIs from one 3rd country not associated to E+ ⇒ *Moldova*
- **EU Programme countries:**
 - *Romania & Poland*
- **Strand 2: Partnership for transformation**
 - *Innovating curricula linked to local business*
 - *Involvement of local business & private sector*
- **Overarching priority:**
 - *Sustainable growth & jobs ⇒ investment in STEAM skills of young people and better connecting education, research and innovation with private sector needs.*



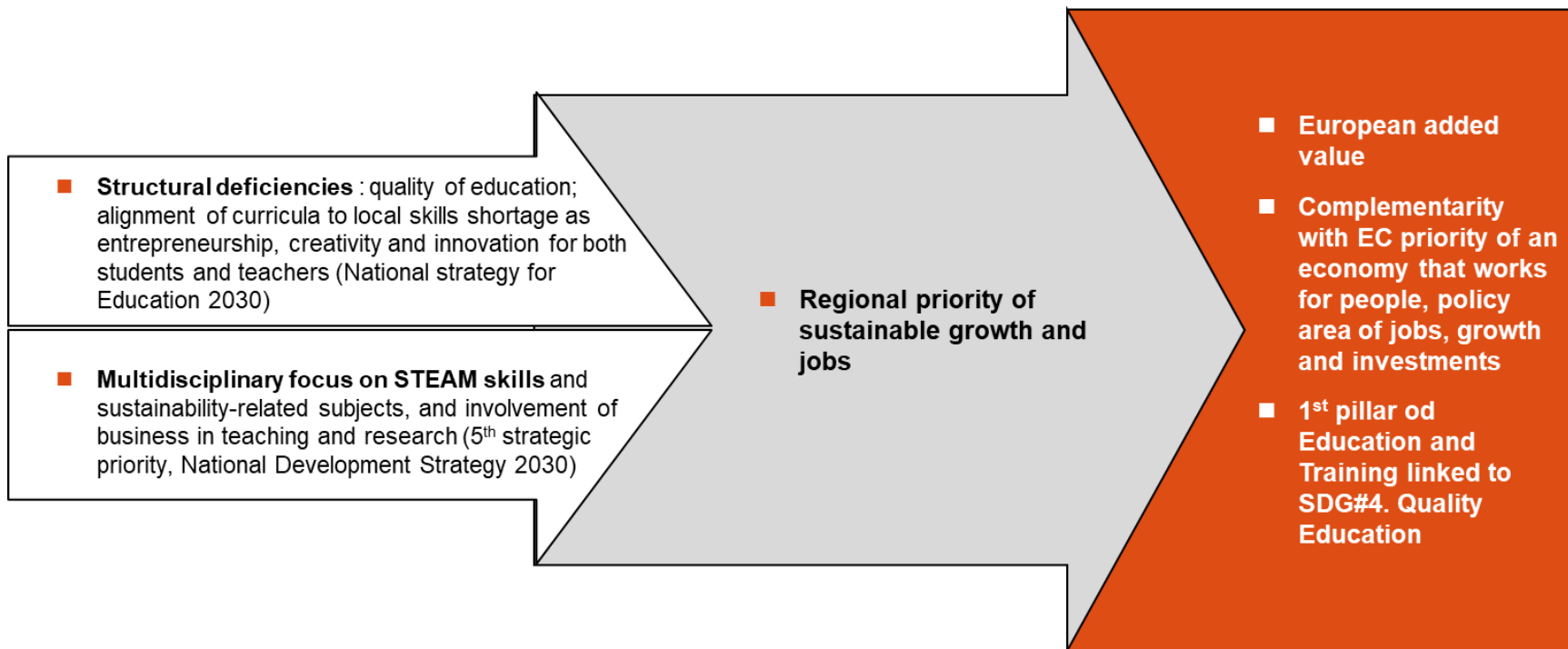


Skills4future – partnership composition



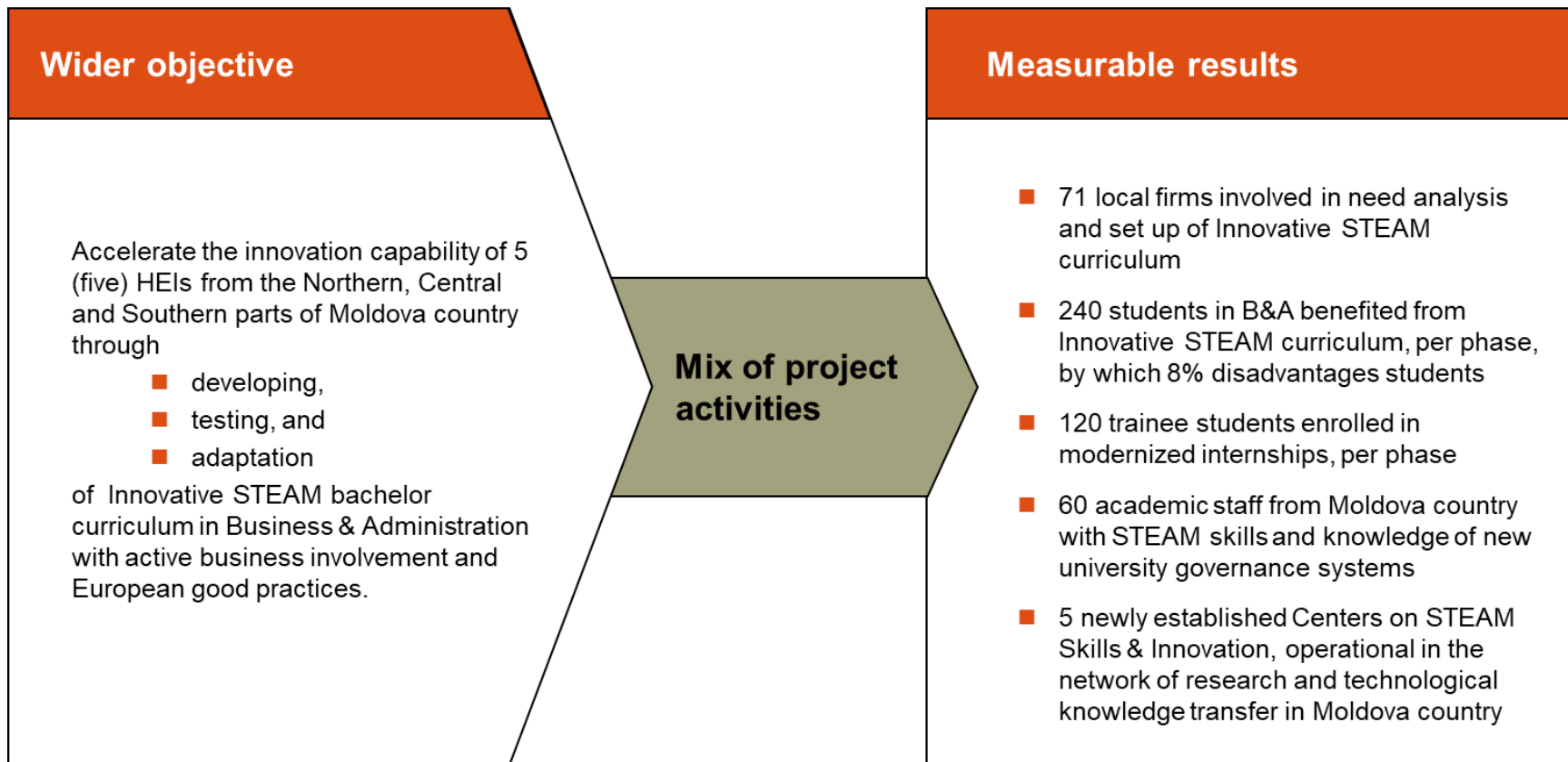


Skills4future – rationale of intervention





Skills4future – aim





Skills4future – short-term impact

Individual

- HE students of bachelor programme in B&A with increased STEAM skills, making connection between different sustainability-related subjects, and better prepared for life
- HE teachers with entrepreneurial skills and mind-set
- Local practitioners with improved sustainability good practices

Institutional

- Increased ICT and modern facilities
- Innovated institutional structure
- Strengthened networks of international contacts
- Better engagement of local businesses & private sector in academic life

Regional

- Synergies across different STEAM fields and B&A disciplines, at Moldova country level
- Empowered collaboration between Northern, Central and Southern parts of Moldova country

National

- Improved institutional quality and relevance of education
- a better alignment of innovative curricula to the offer and uptake of Science, Technology, Engineering, Arts and Maths (STEAM)



Skills4future – structure of activities



Innovation of bachelor curriculum in B&A with local business involvement



Modernizing practical internships for bachelor students in 2nd and 3rd year of study in B&A



Innovative teaching and learning methods and subjects with locally-rooted sustainability-related research themes



Active engagement of local business and private sector in workshops, teaching and learning activities, business plans competitions, feedback collection, etc.



Skills4future – structure of activities



Activities with local enterprises (students research projects on sustainability-related issues, students conferences, etc.)



Training of academic staff from Moldova country



Setting-up and operationalizing new Centers on STEAM Skills & Innovation



Information, dissemination and exploitation activities



Our project - Skills4future

Motivation

- Is what got us to start

Commitment

- Is what is keeping us going

Seriousness

- Is what is determining us to obtain high quality project results

