

InterregVI- A Italy - Austria

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Cooperation programme

2021-2027

EDU-CIRC

Cross-border Network for circular economy training and decarbonisation in manufacturing

Interreg
Italia - Österreich



Co-funded by
the European Union

EDU-CIRC

A Europe that is closer

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Introduction to environmental sustainability in construction

STEP 1

Meetings at ESEV CPT Verona

Interreg
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Sustainability

Reduction of the environmental impact of buildings throughout all phases of their life cycle: from material production and transportation, to use, and finally to decommissioning and recycling.

Efficient use of energy, water, and material resources to minimize waste and unnecessary consumption.

Selection of sustainable building materials: with low environmental impact, recycled or recyclable, non-toxic and preferably locally sourced.

Predilection for technologies and solutions which increase the energy efficiency of buildings and systems (insulation, renewable sources, natural lighting).

Responsible water management through low-consumption systems, stormwater collection and reuse, and wastewater control.

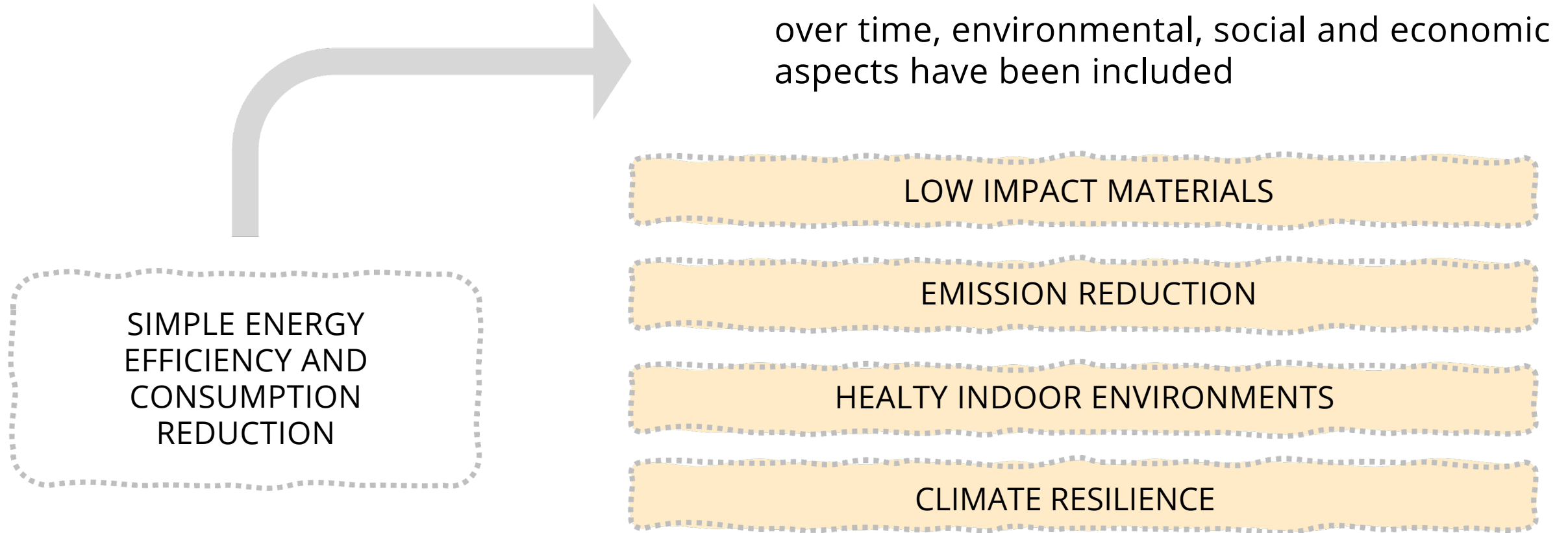
Integrated design that considers the well-being of the occupants (comfort indoor, air and material quality).

Minimization of gas emissions greenhouse, waste and pollution generated during the construction and use of the building.

Harmonious insertion of the building in the environmental and landscape context, respecting local characteristics,

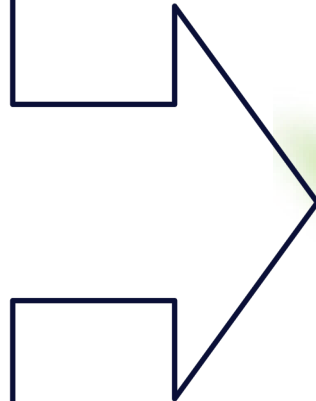
Application of evaluation systems and certification (such as LEED, BREEAM, ITACA, CasaClima, ISO21930) to attest the sustainability achieved.

From permormance to circularity



Green Public Procurement

It originated as a strategic tool to guide public administration choices toward goods, services and works with a reduced environmental impact



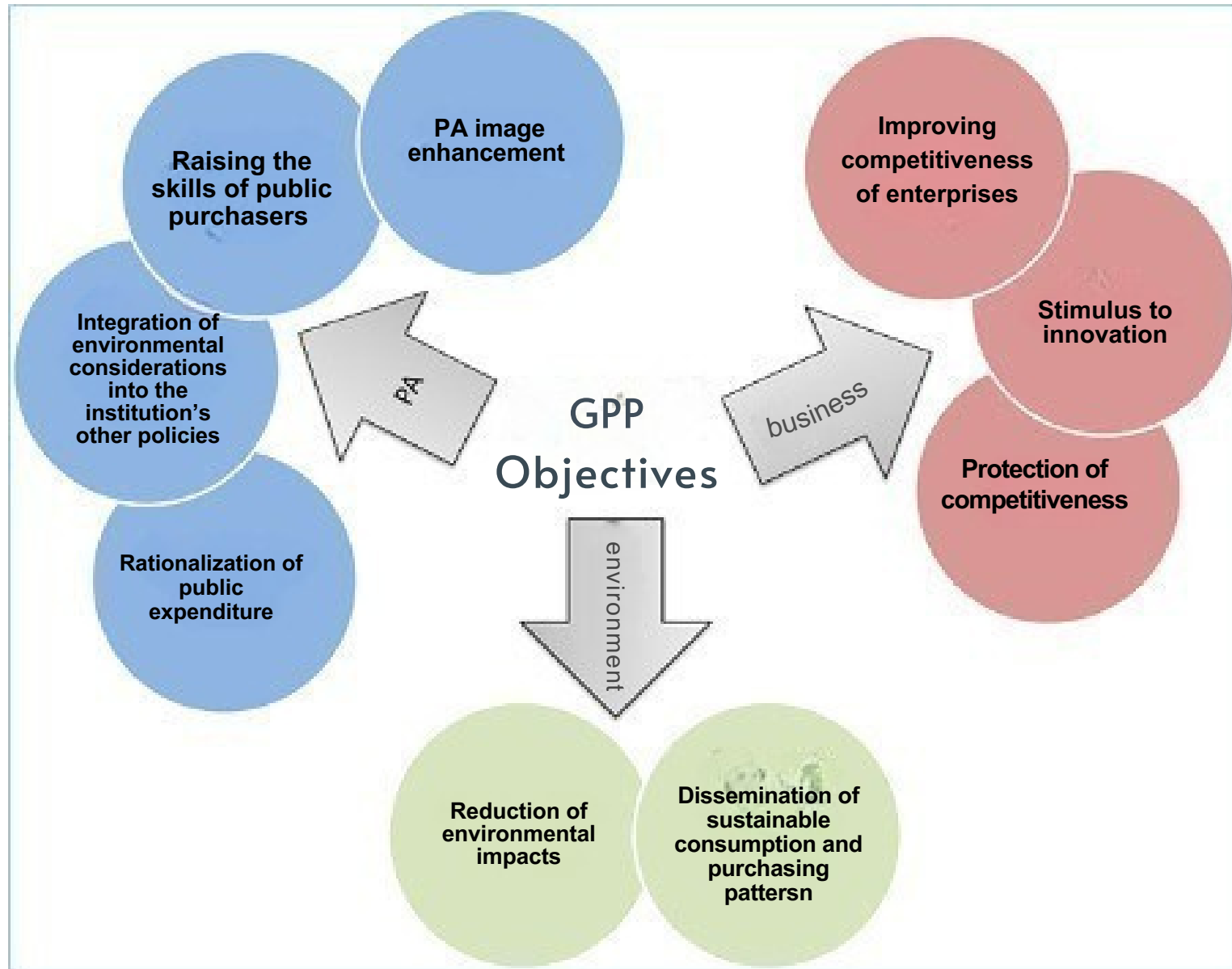
GPP National Action Plan



Minimum Environmental Criteria (MEC)



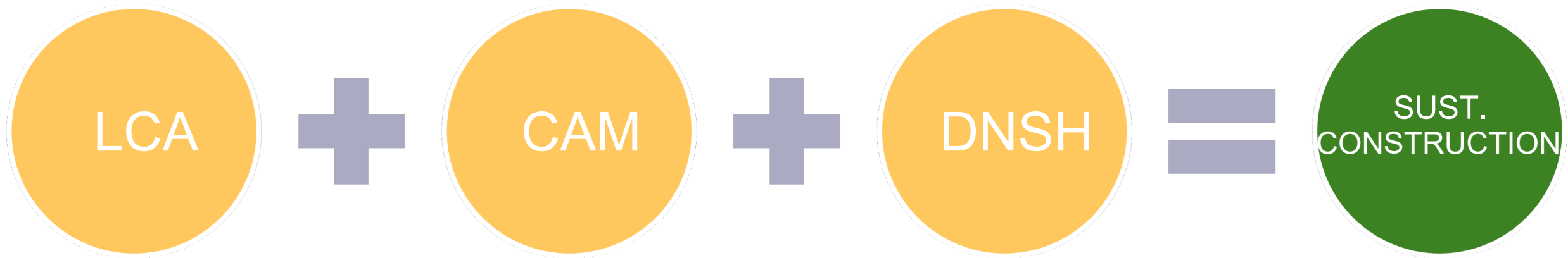
Green Public Procurement



<https://gpp.mase.gov.it/Home/CosaEGPP>



Sustainability in construction

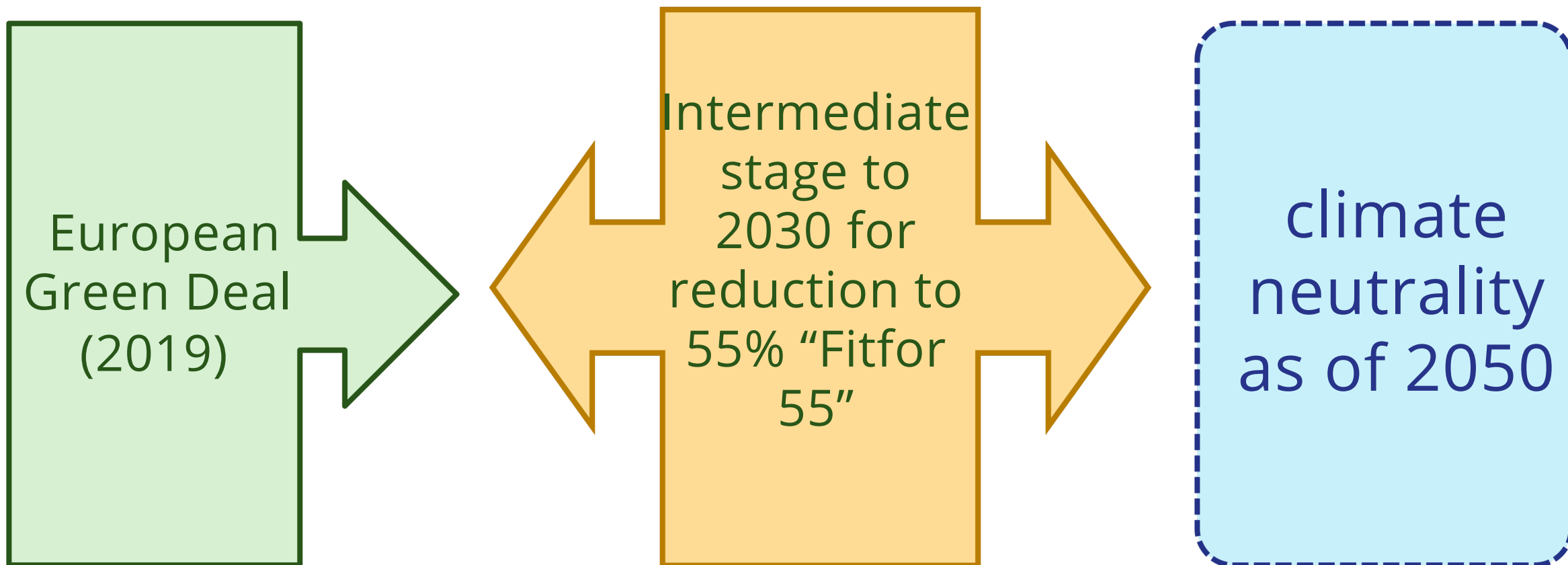


The UN 2030 Agenda

"No one left behind"



The european Green Deal (2019)



National policy

