# Creating an engine of global development

The European Commission has proposed nearly doubling the FP10 budget, announcing the programme as "twice bigger, simpler, faster, and more impactful". As budget negotiations unfold, our assessment explores how to ensure FP10's enlarged scale helps establish the EU as a global R&I leader and capture the opportunity to turn FP10 into an engine of global development



Lagging performance in cutting-edge science and innovation

Fragmentation and weak tech scaling dilute scientific impact



Pilar I: excelence Science

Pilar III: innovative europe

Pilar II: global challenges & comp.

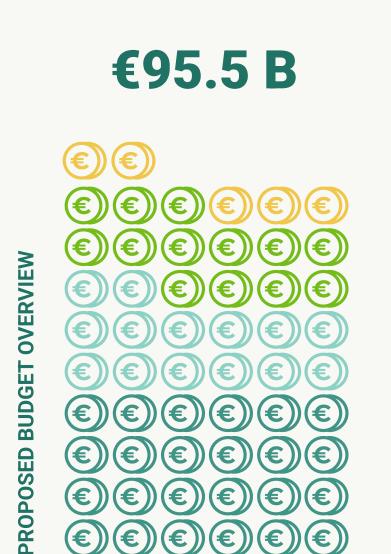
Pilar IV: European Research Area & Others

Fragmented and underfunded R&I

Disjointed funding and coordination gaps limit effectiveness across EU and Member States

Structural weakness of EU **R&I landscape** 





2021 - 2027

# €175 B $(\epsilon)(\epsilon)(\epsilon)(\epsilon)(\epsilon)$ $(\epsilon)(\epsilon)(\epsilon)(\epsilon)(\epsilon)$ $(\epsilon)(\epsilon)(\epsilon)(\epsilon)(\epsilon)(\epsilon)$ $(\epsilon)(\epsilon)(\epsilon)(\epsilon)(\epsilon)(\epsilon)$

2028 - 2034

**Insufficient progress on** general-purpose technologies

Europe lags in AI, quantum, and biotech, vital engines of future growth, despite recent efforts to catch up



**Shallow capital markets** 

Weak capital markets block



science -to-innovation pathways



**Competing geopolitical** and defense priorities threaten R&I budgets

Geopolitical pressures are diverting funds from R&I

# **Challenges to Europe's** role in global R&I



#### **Global Challenges Need Global Teams**

Addressing global challenges requires large-scale cooperation but rigid EU rules limit effective multistakeholder partnerships



#### **Geopolitics Undermine EU Leadership**

Fragmented multilateral order and EU's inward turn diverts attention away from global challenges



#### **One Pillar, Two Missions**

Combining competitiveness and global challenges in one FP pillar leads to mismatched rules and priorities



#### **Weak Alignment with Global Tools**

Disconnect from external instruments like Global Gateway reduces EU credibility as a global development actor

To elevate the FP10 into a globally relevant engine for global development, the EU must make global cooperation indispensable, teaming up with philanthropies and international donors; evolve from solely convening to partnering in large-scale R&I initiatives, joining forces with LMICs; and practice "smart leadership" by bridging R&I with international cooperation through a clear strategic framework that identifies where the EU adds maximum value

## The path forward



#### **Engaging**

diverse stakeholders to produce better science and real world solutions



#### Leveraging

data and AI intensive R&I for faster, smarter, scalable innovation



#### **Promoting**

openness of data, source code, and research results to fuel global progress



#### Creating

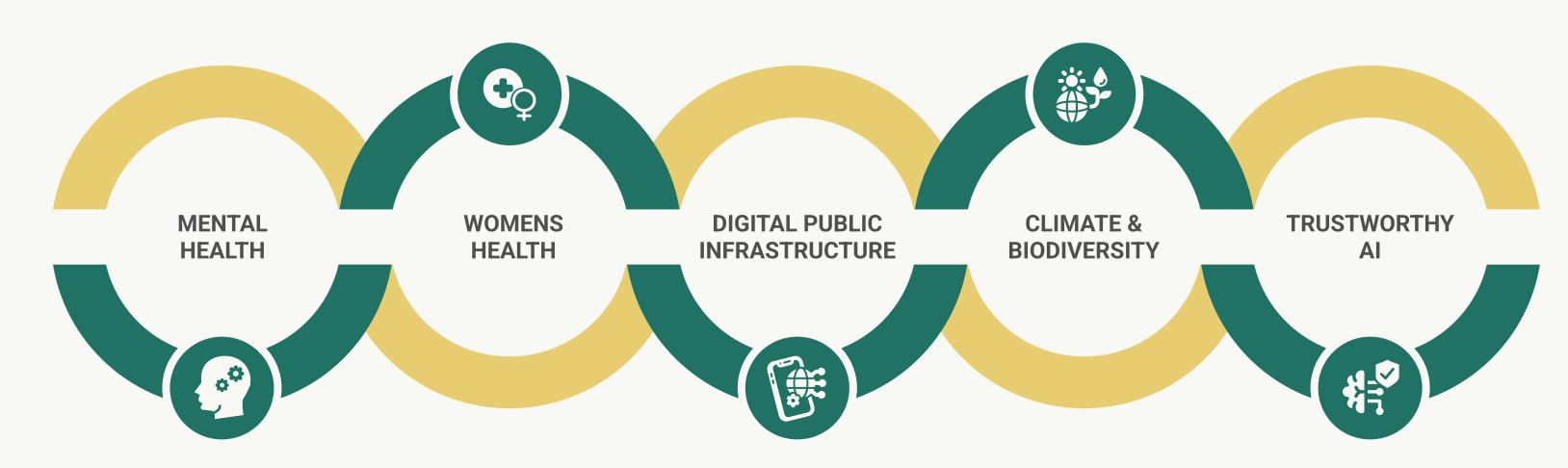
separate FP workstreams defense & competitiveness versus global challenges



#### Scaling up

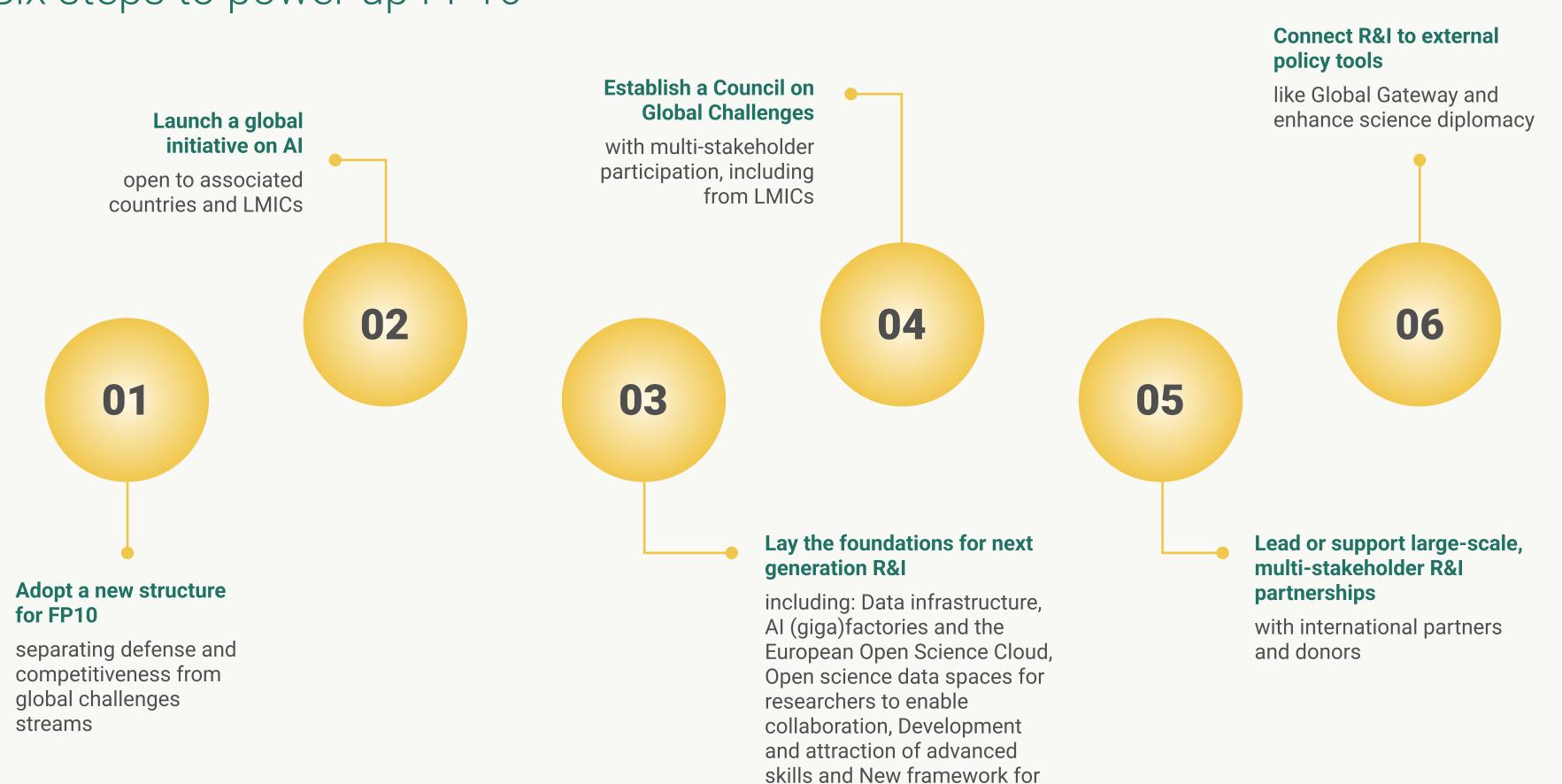
the Global Gateway to strengthen mutually beneficial partnerships

### **Priority actions**



# **Empowering Europe to lead in global R&I**

Six steps to power up FP10



multi-stakeholder collaboration