

## ***VERSO LA STRATEGIA S3 2021-2027***

*Scenario internazionale e Programmi UE*

**PRIORITÀ**

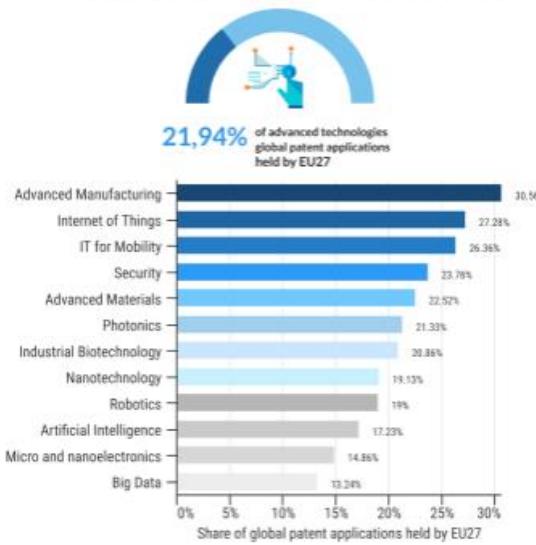
**TECNOLOGIE PER LA MANIFATTURA AVANZATA**

*7 luglio 2021*

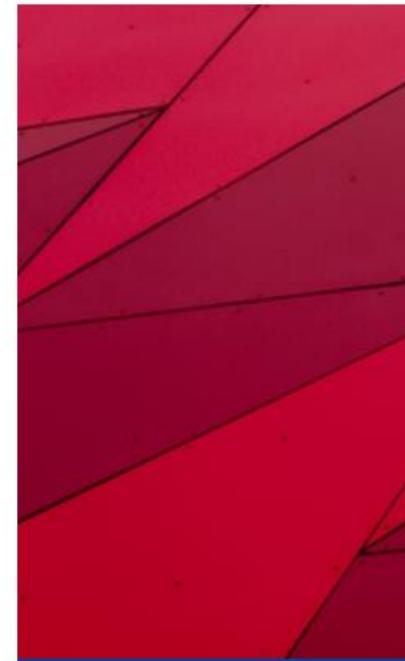
# *Le tecnologiche nelle politiche europee*

- **KETs – Key enabling technologies ([LINK](#)) – DG RTD**
  - advanced manufacturing
  - advanced materials
  - life-science technologies
  - micro/nano-electronics and photonics
  - artificial intelligence
  - security and connectivity
- **ATI – Advanced Technologies for Industry ([LINK](#)) – DG GROW**

EU27 strengths in producing advanced technologies



Data dashboard



Technology Centre Mapping



Technology Watch



Policy Briefs



Sectoral Watch



Product Watch

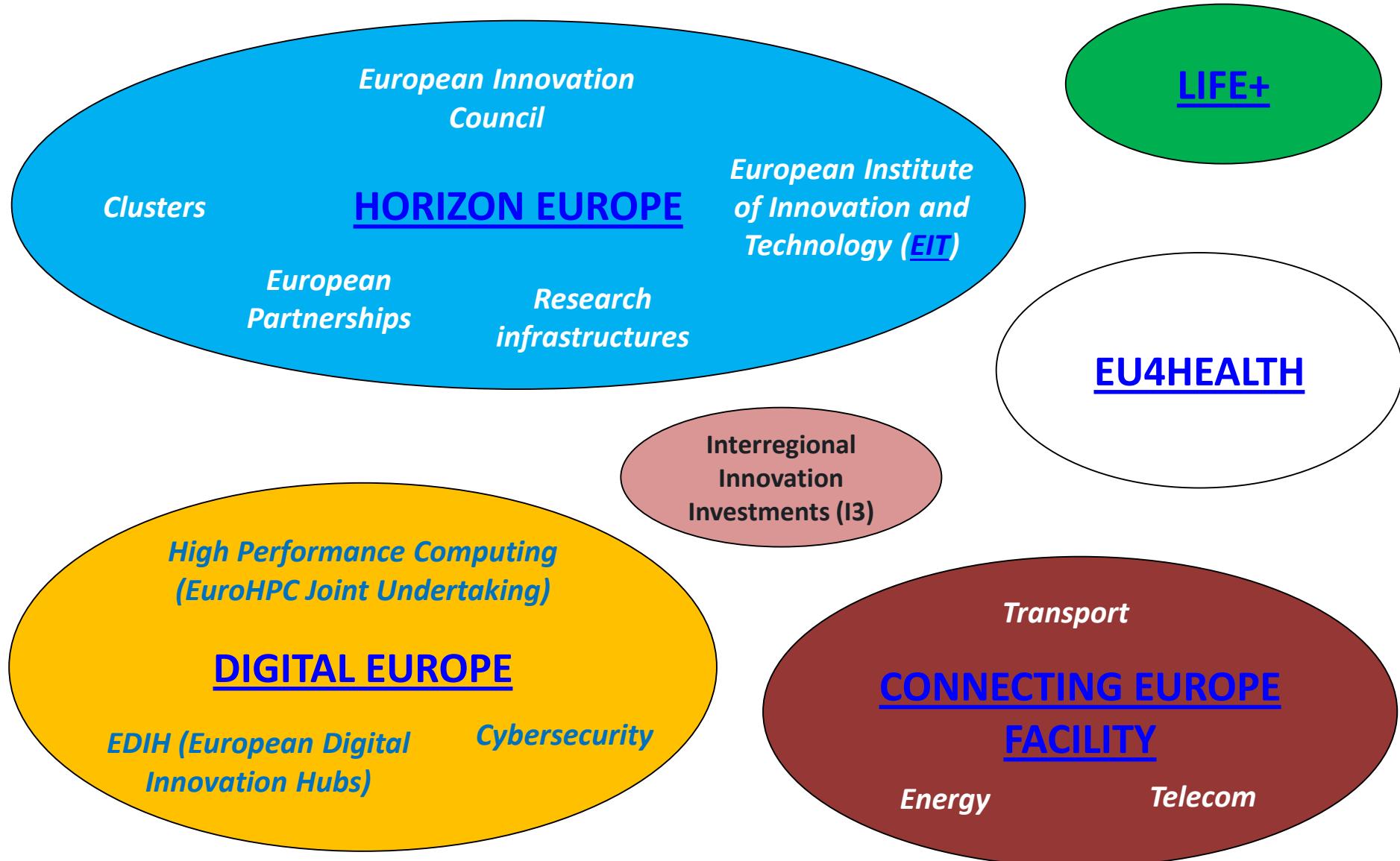


International Reports



EU Reports

# Principali programmi con focus tecnologico



Horizon Europe	Destination	Applicazioni (non esaustivo)
<a href="#"><u>Cluster 2 - Culture, creativity and inclusive society</u></a>	<ul style="list-style-type: none"> <li>Innovative research on the European cultural heritage and the cultural and creative industries</li> </ul>	<ul style="list-style-type: none"> <li>Sviluppo di processi produttivi ed organizzativi basati su sensori/dispositivi intelligenti</li> <li>Bioteconomie industriali (es. protezione/recupero)</li> </ul>
<a href="#"><u>Clusters 4 - Digital, Industry and Space</u></a>	<ul style="list-style-type: none"> <li><b>Climate neutral, circular</b> and digitised production</li> <li>Increased autonomy in key strategic value chains for <b>resilient industry</b></li> <li>Digital and <b>emerging technologies</b> for competitiveness and fit for the green deal</li> </ul>	<ul style="list-style-type: none"> <li>Soluzioni robotiche, meccatroniche e di automazione</li> <li>Sviluppo di processi produttivi ed organizzativi basati su sensori/dispositivi intelligenti;</li> <li>Sviluppo di soluzioni di risparmio energetico</li> <li>Bioteconomie industriali</li> <li>Manifattura additiva</li> </ul>
<a href="#"><u>Cluster 5 - Climate, Energy and Mobility</u></a>	<ul style="list-style-type: none"> <li>Cross-sectoral solutions for the climate transition</li> <li>Efficient, sustainable and inclusive energy use</li> </ul>	<ul style="list-style-type: none"> <li>Sviluppo di soluzioni di risparmio energetico (es. Batterie, Riciclo/Riuso, Edilizia)</li> </ul>

# TECNOLOGIE PER LA MANIFATTURA AVANZATA

Horizon Europe	Destination/Focus	Applicazioni (non esaustivo)
<u>Cluster 6 - Food, Bioeconomy, Natural Resources, Agriculture and Environment</u>	<ul style="list-style-type: none"> <li>Fair, healthy and environment-friendly <b>food systems</b> from primary production to consumption</li> <li>Circular economy and <b>bioeconomy</b> sectors</li> <li>Clean environment and <b>zero pollution</b></li> </ul>	<ul style="list-style-type: none"> <li>Soluzioni robotiche, meccatroniche e di automazione</li> <li>Sviluppo di processi produttivi ed organizzativi basati su sensori/dispositivi intelligenti</li> <li>Sviluppo di soluzioni di risparmio energetico</li> <li>Biotehnologie industriali (es. Bio-based innovation)</li> </ul>
<u>Partnerships</u>	<p>Innovative Health (Initiative); Health and Care Systems Transformation; Artificial Intelligence, Data and Robotics; Clean Steel - Low Carbon Steelmaking; Made in Europe; Processes4Planet – Transforming the European Process Industry for a sustainable society; Industrial Battery Value Chain; Clean Energy Transition; Circular bio-based Europe; Water Security for the Planet (Water4All)</p> <p>EIT Manufacturing-KIC</p>	

Altri Programmi	Destination/Focus	Applicazioni (non esaustivo)
Digital Europe	<ul style="list-style-type: none"><li>• Digital Innovation Hubs</li></ul>	
<u>S3 Partnership</u>	<ul style="list-style-type: none"><li>• Advanced manufacturing for energy applications</li><li>• Bioeconomy - Innovative use of non-food biomass</li><li>• Efficient and Sustainable Manufacturing</li><li>• High Performance Production through 3D-Printing</li><li>• Mining industry</li><li>• SME integration to Industry 4.0</li><li>• Sustainable Buildings</li><li>• Smart Sensor Systems 4 Agri-food</li></ul>	
<u>EIC</u>	<ul style="list-style-type: none"><li>• EIC Pathfinder</li><li>• EIC Transition</li><li>• EIC Accelerator</li></ul>	<ul style="list-style-type: none"><li>• Possibili applicazioni su tutto lo spettro delle tecnologie per manifattura avanzata</li></ul>



***Grazie per l'attenzione!***

***Regione Toscana - Ufficio di Collegamento con l'UE***

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