



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

*Scenario internazionale e Programmi UE*

***PRIORITÀ***

***TECNOLOGIE PER LA MANIFATTURA AVANZATA***

*7 luglio 2021*

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# 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



# Principali programmi con focus tecnologico

*European Innovation Council*

**HORIZON EUROPE**

*European Institute of Innovation and Technology (EIT)*

*Clusters*

*European Partnerships*

*Research infrastructures*

**LIFE+**

**EU4HEALTH**

Interregional  
Innovation  
Investments (I3)

*High Performance Computing  
(EuroHPC Joint Undertaking)*

**DIGITAL EUROPE**

*EDIH (European Digital Innovation Hubs)*

*Cybersecurity*

*Transport*

**CONNECTING EUROPE FACILITY**

*Energy*

*Telecom*



Horizon Europe	Destination	Applicazioni (non esaustivo)
<a href="#">Cluster 2 - Culture, creativity and inclusive society</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>Bioteologie industriali (es. protezione/recupero)</li> </ul>
<a href="#">Clusters 4 - Digital, Industry and Space</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, mecatroniche 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>Bioteologie industriali</li> <li>Manifattura additiva</li> </ul>
<a href="#">Cluster 5 - Climate, Energy and Mobility</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>



Horizon Europe	Destination/Focus	Applicazioni (non esaustivo)
<a href="#">Cluster 6 - Food, Bioeconomy, Natural Resources, Agriculture and Environment</a>	<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>• Biotecnologie industriali (es. Bio-based innovation)</li> </ul>
<a href="#">Partnerships</a>	<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>	
<a href="#">S3 Partnership</a>	<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>	
<a href="#">EIC</a>	<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***

*Direzione Giunta Regionale*

Rond Point Schuman, 14 1040 - Bruxelles

[ufficio.bruxelles@regione.toscana.it](mailto:ufficio.bruxelles@regione.toscana.it)

[www.regione.toscana.it/bruxelles/](http://www.regione.toscana.it/bruxelles/)