



 @CIRCULEIRE
www.CIRCULEIRE.ie

The National Platform for **Circular** **Manufacturing**

16th June 2022



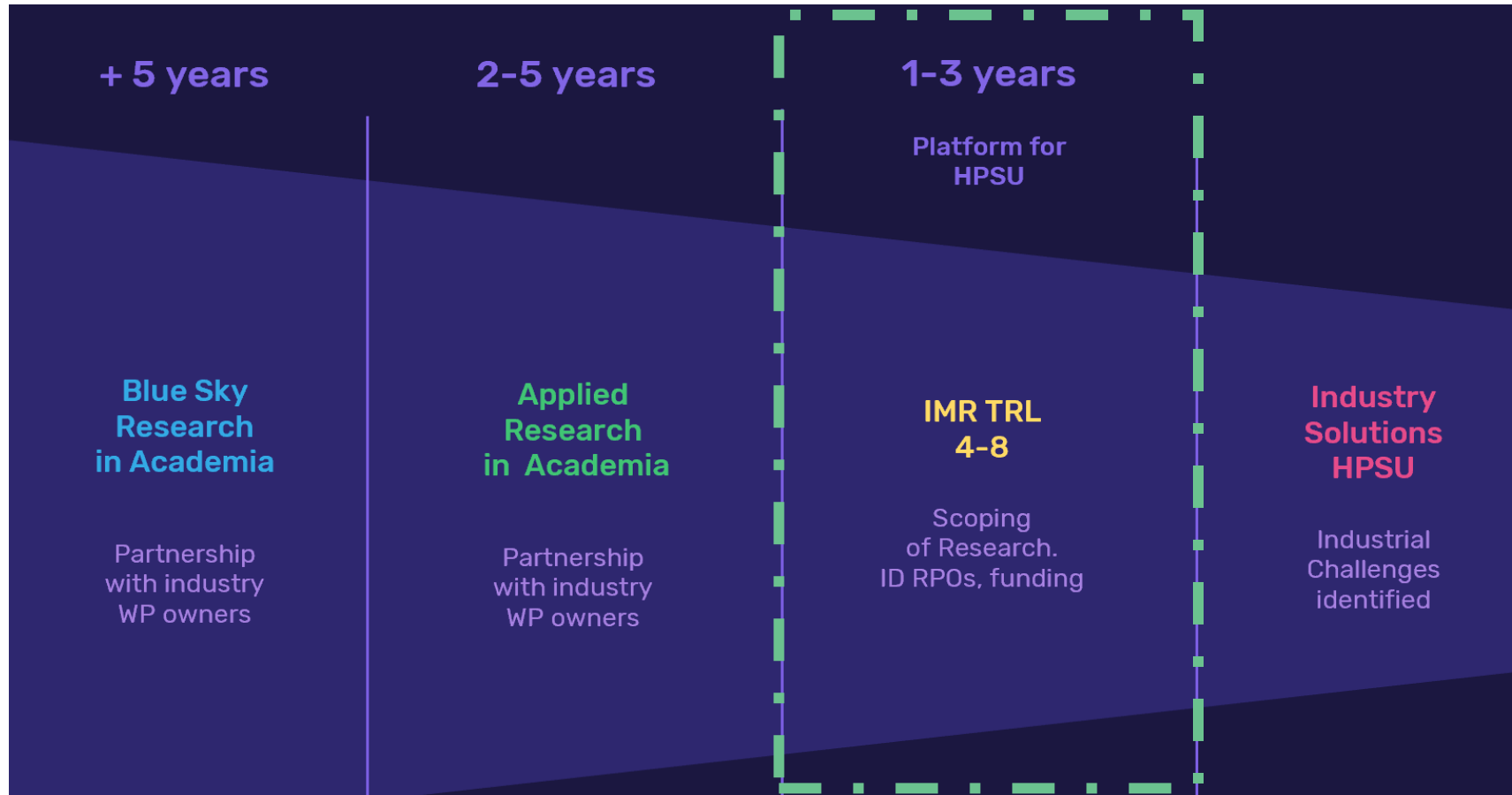
**Circular Economy
Skills Initiative**



An Roinn Comhshaoil,
Aeráide agus Cumarsáide
Department of the Environment,
Climate and Communications



Irish Manufacturing Research (IMR)





**IRISH
MANUFACTURING
RESEARCH**

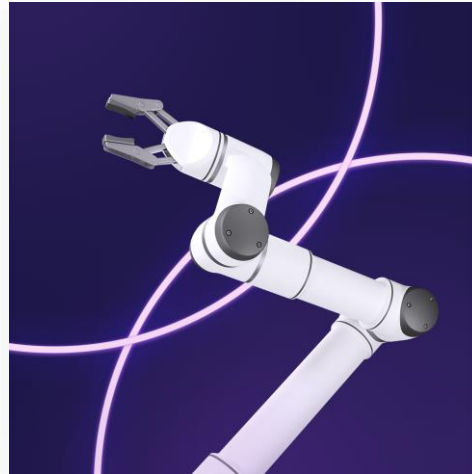
Thematic Pillars

**TECHNOLOGY
CENTRE**
ENTERPRISE IRELAND
IDA IRELAND SUPPORTED

A graphic consisting of several overlapping, wavy lines in various colors (yellow, green, blue, purple) that resemble a signal or data stream.

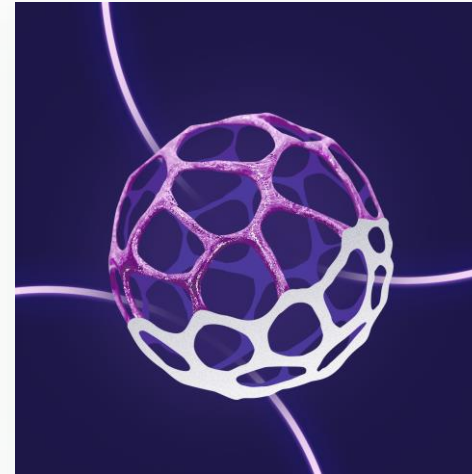
Digitisation

Data driven business



Automation & Control

*Self Adaptive
Autonomous Automation*



Design for Manufacturing

*Customer defined
manufacturing*



Sustainable Manufacturing

*Zero Net Carbon
Manufacturing &
Supply-Chains*



National Platform for Circular Manufacturing



Secretariat



Strategic Partners



2020-2022: Supporting Industry to Capture Circular Advantage

*EU Hotspot Network
OECD Working Groups
NSAI / ISO Standard Development*

**Ecosystem
Collaboration**

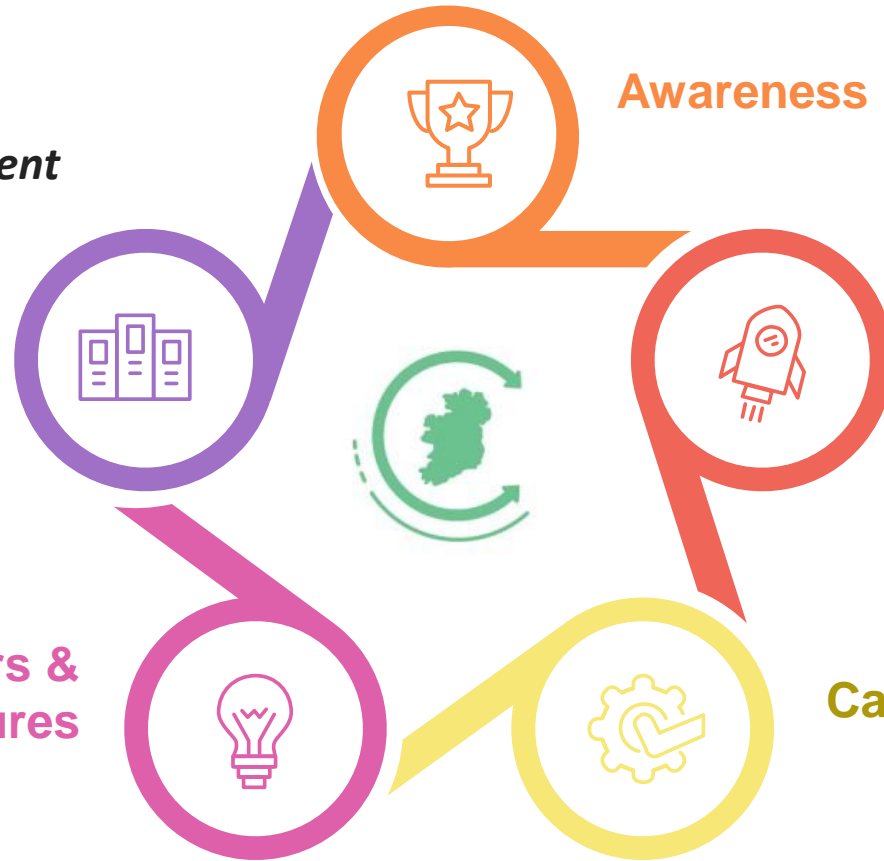
**Demonstrators &
New Ventures**

*10 Circular Innovation Pilots
(With 29 partners)*

*15 x Late-Stage Circular Ventures
funded to Date*



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Awareness Raising

*Open Access Circular Economy
Knowledge Library*

*Continue to grow repository of
case studies, sectoral reports +
policy documents*

**Knowledge Sharing &
Policy Engagement**

*Annual Thematic Working Groups
& Feeding into Policy Consultations &
National Advisory Groups/Forums*

















Capacity Building / CE Toolkits

*Interactive CE Infographic;
Online Maturity Self-Assessment;
1-2-1 Circularity Assessments/Action
Plan Development*

Circular Demonstrators: Ring-fenced Innovation Fund



2020+2021 Awardees

Call	Sector / Focus	Title	Lead Partner	Partners
2020	Batteries / Reuse	Long-Life Lithium Batteries (LLLB) Centre of Excellence		 
2020	White Goods / Repair / Skillset	Circular Economy Skillset Initiative		 
2021	Plastics / Packaging / Construction	CE & The Power of Many		  
2021	CRM Recovery / Robotics	Advanced Robotics to Capture CRM in WEEE Recycling		 
2021	Resource Recovery	SUCCESS		 

Picture Credit: [Nikita Kachanovsky](#) #bLY5JqP_Ldw



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2022 Demo Projects

<https://circuleire.ie/circuleire-awardees-2020-2022/>

	Consortium 1	Consortium 2	Consortium 3	Consortium 4	Consortium 5
Project's Name	Upcycled Insulation	Circular by Design	Do More With Less	MEDAL	Circular Single-Use Plastics
Lead Organisation		 Comhairle Deairaidh & Ceardaíochta Éireann Design & Crafts Council Ireland	 making furniture work better		 Irish Green Labs
Partner Organisations	 COMHAIRLE CONTAE AN CHLÁIR CLARE COUNTY COUNCIL Comhairle Chontae An Longfort Longford County Council	 National College of Art and Design A Recognised College of University College Dublin	 INSTITIÚD TEICNEOLAÍOCHTA NA GAILLIMHE-MAIGH EÓ GALWAY-MAYO INSTITUTE OF TECHNOLOGY Oifig na nOibríochtaí Poiblí Office of Public Works	 UNIVERSITY OF LIMERICK OLLSCOIL LUIMNIGH	 OÉ Gaillimh NUI Galway



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Co-funded by the European Union





Bioeconomy / Agri-Food
(Cascades / Energy Recovery)

Avoca Seafood Ltd

Bioeconomy / Aquaculture
(Industrial Symbiosis)



WEEE (Batteries)
Extending Use Life



Cross-Sectoral
(Reverse Logistics)



I Am Not a Virgin (IANAV)
Apparel / Footwear Manufacturing
(3D Printing)



Circular Bioeconomy
(Valorisation)



Circular Plastics
(High-Quality Recycling)

Niskus Biotec Ltd.

Circular Bioeconomy
(Valorisation)



DRS / RVM
(Recycling / Reusable Packaging)



Upcycled Furniture



Re-Usable Packaging DRS



ElectricAvenue
Your e-bike journey starts here

Repair / Remanufacturing
Electric Bikes



Re-Use/Repair & Remanufacturing Toys



Clarity on Carbon

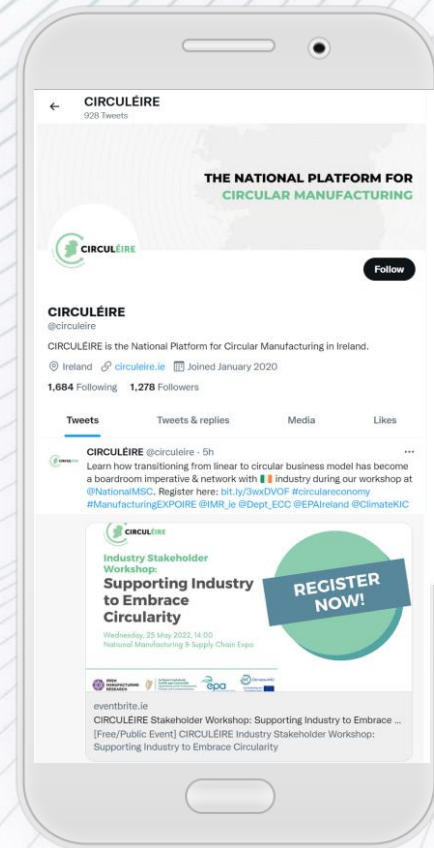
Cross-Sectoral
(Traceability; Supply-Chain; Enabling Circularity)

2020

2021

2022

We are online on social media: Follow us!



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www.circuleire.ie

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Thank you!



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