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Clúster 4: Digital, Industria y Espacio Industria

Nieves González
Carlos Toledo



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ADVERTENCIA



**Información PROVISIONAL
Sujeta a cambios**

La nueva Comisión Europea (2019-2024)



A EUROPEAN GREEN DEAL

Striving to be the first climate-neutral continent

AN ECONOMY THAT WORKS FOR THE PEOPLE

Working for social fairness and prosperity

A EUROPE FIT FOR THE DIGITAL AGE

Grasping the opportunities from the digital age within safe and ethical boundaries

PROMOTING OUR EUROPEAN WAY OF LIFE

Building a Union of equality and diversity, standing up for justice and values

A STRONGER EUROPE IN THE WORLD

Strengthening our unique brand of responsible global leadership

A NEW PUSH FOR EUROPEAN DEMOCRACY

Nurturing, protecting and strengthening our democracy

La nueva Comisión Europea (2019-2024)

**Twin
Transition**



La nueva Comisión Europea (2019-2024)



Resiliencia

La nueva Comisión Europea (2019-2024)





Pilar 1 Ciencia excelente

Consejo Europeo de
Investigación

Acciones Marie Skłodowska-
Curie

Infraestructuras de
investigación



Pilar 2 Desafíos mundiales y competitividad industrial europea

Clústeres

- Salud
- Cultura, creatividad y sociedad inclusiva
- Seguridad civil para la sociedad
- **Mundo digital, industria y espacio**
- Clima, energía y movilidad
- Alimentación, bioeconomía, recursos naturales, agricultura y medio ambiente

Centro Común de Investigación



Pilar 3 Europa innovadora

Consejo Europeo de Innovación

Ecosistemas europeos
de innovación

Instituto Europeo de
Innovación
y Tecnología

Ampliar la participación y fortalecer el Espacio Europeo de Investigación

Ampliar la participación y difundir la excelencia

Reformar y mejorar el sistema europeo de I+I



Pilar 2

Desafíos mundiales y competitividad industrial europea

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Cluster 4: **Mundo digital, Industria y Espacio**

2021-2022

Destination 1:

Climate neutral, circular and digitised production

PROCESOS

“Twin Transition”

MATERIALES

“Resilience”



Pilar 2

Desafíos mundiales y competitividad industrial europea

Clústeres

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Cluster 4: **Mundo digital, Industria y Espacio**

2021-2022

Destination 1:

Climate neutral, circular and digitised production

PROCESOS

“Twin Transition”

Destination 2:

Increased autonomy in key strategic value chains
for resilient industry

MATERIALES

“Resilience”

Destination 1: Climate neutral, circular and digitised production

Call: Twin Green and Digital Transition

Manufacturing



Construction



Process Industry



Destination 1: Climate neutral, circular and digitised production

Call: Twin Green and Digital Transition

Manufacturing



Construction



Process Industry



Destination 2: Increased autonomy in key strategic value chains for resilient industry

Call: A digitised, resource-efficient and resilient industry

Raw Materials



Advanced Materials



Value Chains - Business



Destination 1: Climate neutral, circular and digitised production

Call: Twin Green and Digital Transition

Manufacturing



Construction



Process Industry



Destination 1: Climate neutral, circular and digitised production

Call: Twin Green and Digital Transition

Manufacturing



Construction



Process Industry



2021 CALL

Opening: 15 Apr 2021
Deadline(s): 23 Sep 2021

402.6 M€



2022 CALL

Opening: 12 Oct 2021
Deadline(s): 02 Feb 2022

321.5 M€



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Sujeta a cambios**

Destination 2: Increased autonomy in key strategic value chains for resilient industry

Call: A digitised, resource-efficient and resilient industry

Raw Materials



Advanced Materials



Value Chains - Business



Destination 2: Increased autonomy in key strategic value chains for resilient industry

Call: A digitised, resource-efficient and resilient industry

Raw Materials



Advanced Materials



Value Chains - Business



2021 CALL

Opening: 15 Apr 2021

Deadline(s): 23 Sep 2021

363,50 M€
+ 9 M€ (PCP)



2022 CALL

Opening: 15 Oct 2021

Deadline(s): 02 Feb 2022

386,8 M€

Información
PROVISIONAL
Sujeta a cambios

C4-Destination 1: Climate neutral, circular and digitised **production**



- Green, flexible and advanced manufacturing



- Advanced digital technologies for manufacturing

C4-Destination 1: Climate neutral, circular and digitised **production**



- Green, flexible and advanced manufacturing



- Advanced digital technologies for manufacturing

- A New Way to Build,
accelerating disruptive change in construction



C4-Destination 1: Climate neutral, circular and digitised **production**



- Enabling **circularity** of resources in the **process industries**, including waste and CO₂/CO
- Integration of **Renewables** and **Electrification** in process industry

C4-Destination 1: Climate neutral, circular and digitised **production**



- Enabling **circularity** of resources in the **process industries**, including waste and CO₂/CO
- Integration of **Renewables** and **Electrification** in process industry
- **Hubs for circularity**, a stepping stone towards climate neutrality and circularity in industry



C4-Destination 2: A digitised, resource-efficient and resilient industry



- **Green and Sustainable Materials**-“Sustainable-by-design”
- **Materials for the benefit of society and the environment**
and materials for decarbonising Industry

C4-Destination 2: A digitised, resource-efficient and resilient industry



- **Green and Sustainable Materials**-“Sustainable-by-design”
- **Materials for the benefit of society and the environment**
and materials for decarbonising Industry
- **Materials and data** cross-cutting actions



C4-Destination 2: A digitised, resource-efficient and resilient industry



- Novel paradigms to establish **resilient** and **circular value chains**
- **Raw materials** for EU strategic autonomy and successful transition to a climate-neutral and circular economy

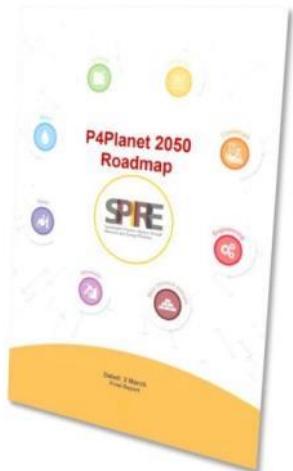
C4-Destination 2: A digitised, resource-efficient and resilient industry



- Novel paradigms to establish **resilient** and **circular value chains**
- **Raw materials** for EU strategic autonomy and successful transition to a climate-neutral and circular economy
- Improving the **resilience** and preparedness of EU businesses, especially **SMEs and Startups**



Partenariados en Cluster 4 - Industria



Clean Steel



Metrología



- Partenariados co-programados

De NMBP a Cluster 4-Industria



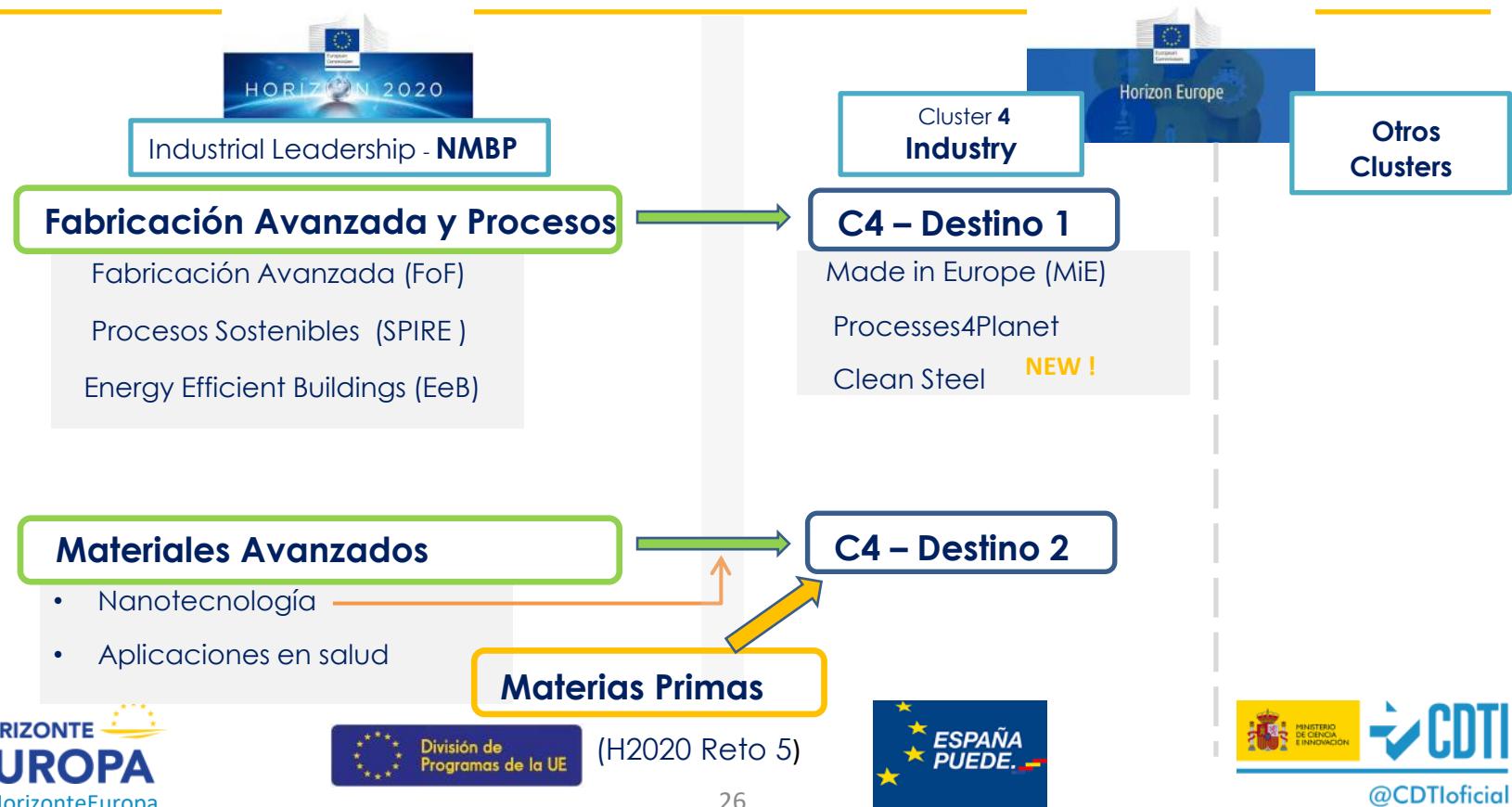
Industrial Leadership
NMBP



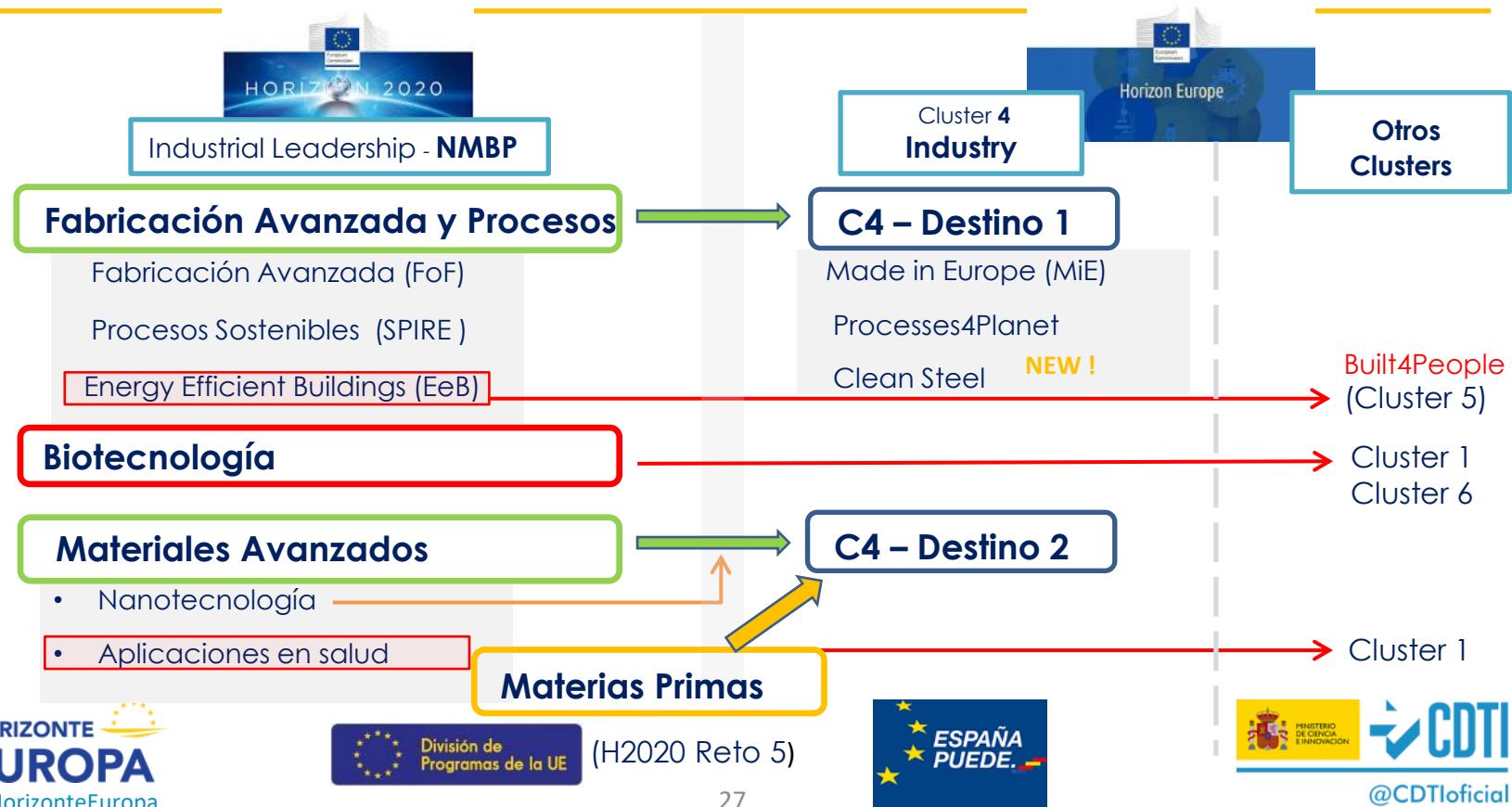
Cluster 4
Industry

Otros
Clusters

De NMBP a Cluster 4-Industria



De NMBP a Cluster 4-Industria



Apoyo al participante

Clúster 4 – Industria



nieves.gonzalez@cdti.es



carlos.toledo@cdti.es

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@CDTlofficial**

**www.HorizonteEuropa.es
www.cdti.es**



+ info sobre programas y ayudas
para la
internacionalización de la I+D+I española



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