

#innovacion
#financiacion
#asesoramiento
#internacionalizacion

Oportunidades para Economía Circular en H2020: LEIT-NMBP

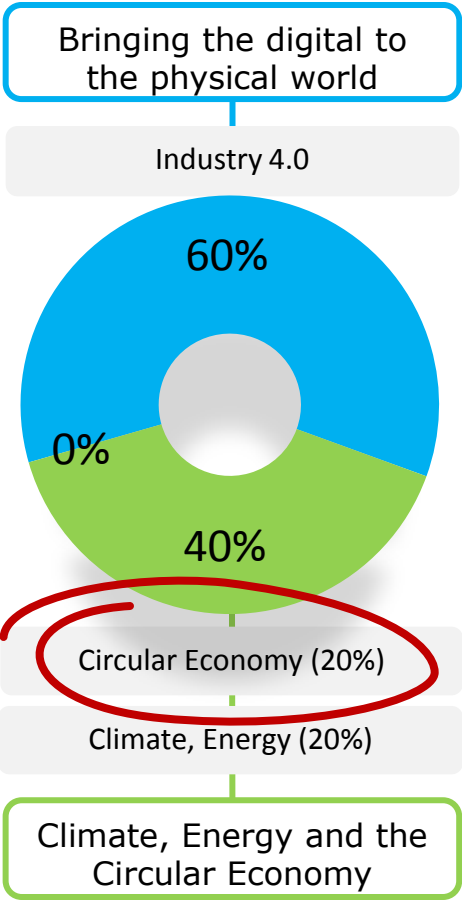


Lucía Íñigo
@Lucialnigo_CDTI
División de Programas de la UE

ESHORIZONTE2020
Portal español del Programa Marco de Investigación e Innovación de la Unión Europea
@EsHorizonte2020

H2020-LEIT-NMBP 2018-2020

Priorities Calls Impacts



FOUNDATIONS for tomorrow's industry (~395M€)



Eco-system for design/testing/upscaling

TRANSFORMING European industry (~525M€)



Global industrial leadership for re-industrialisation

Industrial SUSTAINABILITY (~665M€)



Less energy input, more energy/ resource efficiency

'Connecting economic and environmental gains – the **Circular Economy**' Focus Area

- integrating production, consumption, waste management and raw materials
- * Ensure that growth no longer requires increasing consumption of **resources, energy, water and primary raw materials**
- * Minimise **waste**, including from **plastics**
- * Enhance **industrial competitiveness**

12 RESPONSIBLE
CONSUMPTION
AND PRODUCTION



8 DECENT WORK AND
ECONOMIC GROWTH



9 INDUSTRY, INNOVATION
AND INFRASTRUCTURE



11 SUSTAINABLE CITIES
AND COMMUNITIES



Total indicative budget
(2018-2020):

EUR 940 million

'Connecting economic and environmental gains – the **Circular Economy**' Focus Area

Industrial technologies (LEIT-NMBP 2018-20):

'Industrial Sustainability'

~400M€

- **Sustainable Process Industry**
- **Catalysing the Circular Economy**

'Transforming European Industry'

- Industrial biotechnology
- Factories of the Future

H2020 LEIT NMBP calls

LEIT NMBP – 3 calls – 2019 budget

- FOUNDATIONS FOR TOMORROW'S INDUSTRY – **120 M€**
- TRANSFORMING EUROPEAN INDUSTRY – **178 M€**
- INDUSTRIAL SUSTAINABILITY – **236 M€**

Opening October 2018

2019 Deadlines:

- Single-stage topics: **21/02/19**
- EU-China flagship initiative on **CE-BIOTEC-05-2019: 24/04/19**



@EsHorizonte2020

CDTI Centro para el Desarrollo Tecnológico Industrial | E.P.E.

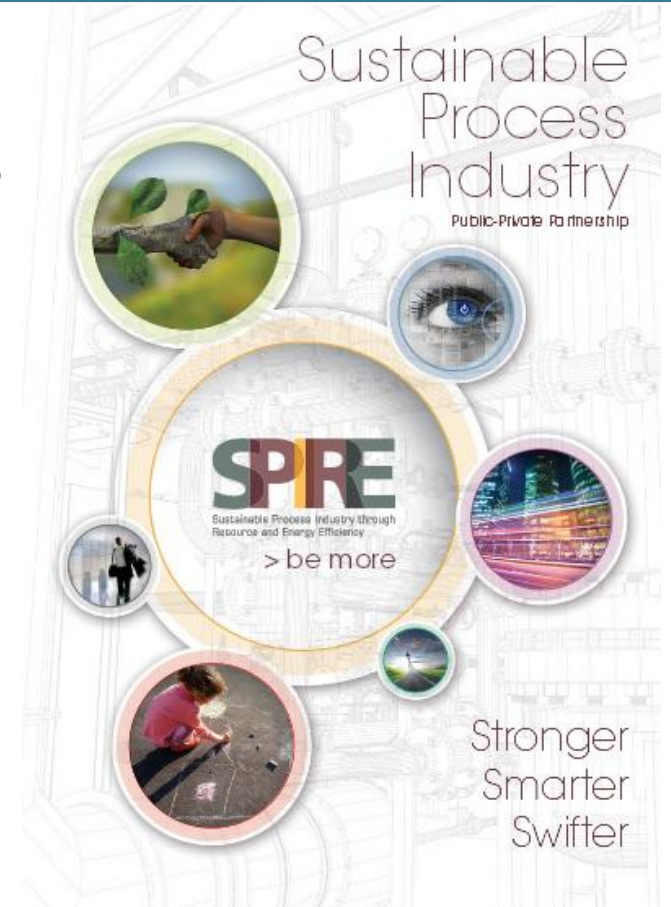


@CDTIoficial

H2020 LEIT NMBP calls

Sustainable Process Industry (SPIRE)

- Efficient use of resources and energy
- High-tech and eco-efficient production facilities and materials
- Minimising and re-using waste



H2020 LEIT NMBP calls

INDUSTRIAL SUSTAINABILITY SUSTAINABLE PROCESS INDUSTRY (SPIRE) 2019

Topic Title	Type
CE-SPIRE-04-2019: Efficient integrated downstream processes	IA
CE-SPIRE-05-2019: Adaptation to variable feedstock through retrofiting	IA 50%
CE-SPIRE-06-2019: Digital technologies for improved performance in cognitive production plants	IA

H2020 LEIT NMBP calls

INDUSTRIAL SUSTAINABILITY CATALYSING THE CIRCULAR ECONOMY 2019

Topic Title	Type
CE-NMBPP-25-2019: Photocatalytic synthesis	RIA

H2020 LEIT NMBP calls

TRANSFORMING EUROPEAN INDUSTRY

BIOTECHNOLOGY & MEDICAL

2019

Topic Title	Type
BIOTECH-02-2019: Boosting the efficiency of photosynthesis	RIA
CE-BIOTECH-05-2019: China Flagship Microorganism communities for plastics bio- degradation	RIA

H2020 LEIT NMBP calls

TRANSFORMING EUROPEAN INDUSTRY

BIOTECHNOLOGY & MEDICAL

2019

Topic Title	Type
DT-FOF-05-2019: Open Innovation for collaborative production engineering	IA
DT-FOF-06-2019: Refurbishment and re-manufacturing of large industrial equipment	IA
DT-FOF-08-2019: Pilot lines for modular factories	IA (50%)
DT-FOF-12-2019: Handling systems for flexible materials	RIA

Contact information NMBP:



Leadership in Enabling and Industrial Technologies (LEIT): NMBP

Nieves González: National Contact Point **NMP** - nieves.gonzalez@cdti.es

Carlos León: National Contact Point **NMP** - carlos.leon@fis.ucm.es

Lucía Íñigo: Spanish Delegate **NMBP**- lucia.inigo@cdti.es

<http://eshorizonte2020.es/>



@eshorizonte2020
@CDTIoficial



Consultas generales sobre
I+D+i y el Programa Marco:
<http://www.cdti.es/pidi>

Tel. 902 34 74 34



División de
Programas de la UE

@EsHorizonte2020

CDTI Centro para el Desarrollo Tecnológico Industrial | E.P.E.



CDTI Centro para el
Desarrollo
Tecnológico
Industrial

@CDTIoficial



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

www.eshorizonte2020.es - www.cdti.es



@EsHorizonte2020 - @CDTIoficial



@EsHorizonte2020

CDTI Centro para el Desarrollo Tecnológico Industrial | E.P.E.



@CDTIoficial