

**HORIZON  
2020**

# Development of gamma prime strengthened CoNi based superalloy for advanced sustainable manufacturing technologies

## Results

### Project Information

**CNSTech**

Grant agreement ID: 101028155

[Project website](#) 

**DOI**

[10.3030/101028155](https://doi.org/10.3030/101028155) 

**Project closed**

**EC signature date**

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**Start date**

1 October 2021

**End date**

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EXCELLENT SCIENCE - Marie Skłodowska-Curie Actions

**Total cost**

€ 172 932,48

**EU contribution**

€ 172 932,48


**Coordinated by**

FUNDACION IMDEA  
MATERIALES



Spain

CORDIS provides links to public deliverables and publications of HORIZON projects.

Links to deliverables and publications from FP7 projects, as well as links to some specific result types such as dataset and software, are dynamically retrieved from [OpenAIRE](#) .

# Publications

## Peer reviewed articles (1)



[Exploring the impact of configurational entropy on the design and development of CoNi-based superalloys for sustainable applications](#)

**Author(s):** Ahad Mohammadzadeh, Akbar Heidarzadeh, Hailey Becker, Jorge Valilla Robles, Alberto Meza, Manuel Avella, Miguel A. Monclús, Damien Turret, José Manuel Torralba

**Published in:** Journal of Alloys and Compounds, 2023, ISSN 0925-8388

**Publisher:** Elsevier BV

**DOI:** 10.1016/j.jallcom.2023.171380

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European Union, 2025