



Marie Skłodowska-Curie Actions

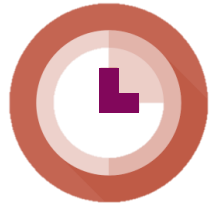


MSCA Doctoral Networks: Towards an entrepreneurial mindset for PhD candidates

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European Commission
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MSCA Doctoral Networks



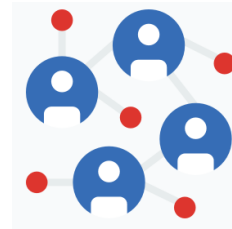
DURATION

Max 4 years
(max 5 years for Joint
Doctorates only)



COMPOSITION

Min 3 organisations in
3 different EU MS or
HE AC (at least 1 MS)



FELLOWSHIP

Between 3 and 36
months
(up to 48 months for Joint
Doctorates only)



BUDGET

540 PM

Three Types:

- Standard Doctoral Networks: DN (more than 80% of DNs)
- Industrial Doctorates: DN-ID
- Joint Doctorates: DN-JD

Contribution to an entrepreneurial mindset

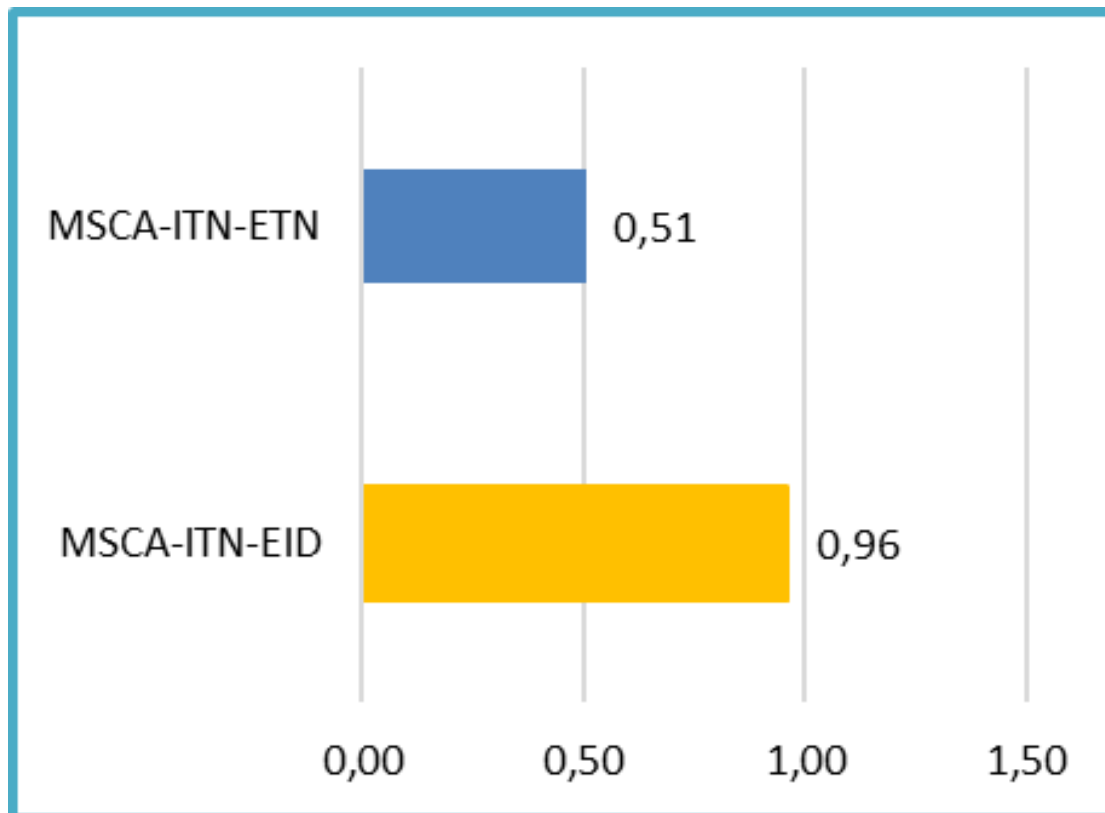
- **Doctoral Networks (Standard):**
 - Paid Secondment to industrial partners for up to 1 year during PhD work.
 - Consortia must provide training on transferable skills, e.g., IPR management, entrepreneurship, communication, etc.
- **Industrial Doctorates:**
 - Doctoral candidate spends minimum 50% of PhD period at premise of non-academic partner.
 - Doctoral candidate co-supervised by academic and non-academic partners.

Figures from Horizon 2020 (2014-2020)

- **Doctoral Networks (All modalities):**
 - Doctoral programmes: 1035 programmes
 - Doctoral fellows: 14.200 PhD fellows
 - Organisational participation: 13.100 participations
 - Industrial participations: 4530 (35%)

- **Industrial Doctorates:**
 - Doctoral programmes: 156 programmes
 - Doctoral fellows: 972 PhD fellows
 - Organisational participation: 986 participations
 - Industrial participation: 500 (51%)

Industrial Doctorates fellows: Innovative Output



Number of patents per flagged project for innovation (118 projects) (normalized to project relative size).

Employment in the non-academic sector

**Share of former MSCA fellows in non-academic sector
2 years after end-of-fellowship:**

- **Post-Doctoral Fellows: 11%**
- **MSCA Doctoral Networks (all types): 49%**
- **MSCA Industrial Doctorates: 77%**

Source (Published, January 2023):

Results of MSCA end of fellowship questionnaires (H2020) - Publications Office of the EU (europa.eu)



Thank you!

**# HorizonEU #MSCA
@MSCActions**

**[https://ec.europa.eu/research/
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