

DATA SHEET

1. General data

Project summary:

Project summary
<p>Exten.(D.T.)2 uses Emerging Technologies (ET) to enhance the pedagogical value, sustainable digitization and potential for wide deployment of Design Thinking (DT). DT is a promising transformative pedagogical innovation based on engaged interdisciplinary learning and the growth of 21st-century (21C) skills for everyone, through entrepreneurial co-creation. Like other such innovations however, it has yet to pull its potential weight in terms of impact in educational transformation. Exten.(D.T.)2 will use design-based research to support/provide evidence for pedagogical transformation via DT enhanced by ET. It will employ already institutionalized, home-grown and open-access digital expressive media of advanced technical readiness for students to engage in DT projects. It will also uniquely integrate with these expressive media ET i.e. AI-enhanced Authorable Learning Analytics, Augmented Reality, 3D printing/scanning and virtual robotics, to leverage digital implementation, monitoring and assessment of DT projects by teachers in schools. Implemented/developed in different social contexts across 6 European countries, Exten.(D.T.)2 will explore the risks and potential of the pedagogical use of ET and how they support 21C skills, in turn increasing the scope, transformative potential and applicability of DT with ET in mainstream schooling. Exten.(D.T.)2 will invite and inspire teachers and other stakeholders to design and implement such projects, by running original strategic teacher professional development, providing courses and guidelines for them to design, implement and evaluate DT projects in their classrooms. The Exten.(D.T.)2 consortium includes 8 research sites with complementary interdisciplinary academic expertise, to support project development and at the same time with maintained active and sustainable connections with educational institutions and policy-making centers across 6 European countries.</p>

Keywords:

- Innovation in learning, teaching and assessment practices supported by digital technologies
- Design thinking; emerging digital technologies; co-construction; design; pedagogical transformation; inclusivity; scaling implementation; teacher education; competence development.

Project number: 101060231

Project name: Extending Design Thinking with Emerging Digital Technologies

Project acronym: Exten.D.T.2

Call: HORIZON-CL2-2021-TRANSFORMATIONS-01

Topic: HORIZON-CL2-2021-TRANSFORMATIONS-01-05

Type of action: HORIZON Research and Innovation Actions

Granting authority: European Research Executive Agency

Grant managed through EU Funding & Tenders Portal: Yes (eGrants)

Project starting date: fixed date: 1 September 2022

Project end date: 30 November 2025

Project duration: 39 months

Consortium agreement: Yes

2. Participants

List of participants:

N°	Role	Short name	Legal name	Ctry	PIC	Total eligible costs (BEN and AE)	Max grant amount	Entry date	Exit date
1	COO	LNU	LINNEUNIVERSITETET	SE	986317632	743 088.75	743 088.75		
2	BEN	NKUA	ETHNIKO KAI KAPODISTIRIAKO PANEPISTIMIO ATHINON	EL	999643007	517 858.75	517 858.75		

N°	Role	Short name	Legal name	Ctry	PIC	Total eligible costs (BEN and AE)	Max grant amount	Entry date	Exit date
3	BEN	UGent	UNIVERSITEIT GENT	BE	999986096	356 846.25	356 846.25		
4	BEN	NTNU	NORGES TEKNISK-NATURVITENSKAPELIGE UNIVERSITET NTNU	NO	999977851	499 573.75	499 573.75		
5	BEN	TCD	THE PROVOST, FELLOWS, FOUNDATION SCHOLARS & THE OTHER MEMBERS OF BOARD, OF THE COLLEGE OF THE HOLY & UNDIVIDED TRINITY OF QUEEN ELIZABETH NEAR DUBLIN	IE	999845446	353 100.00	353 100.00		
6	BEN	Simple	CHALVATZA FILOTHEI	EL	889182511	114 667.50	114 667.50		
7	AP	UCL	UNIVERSITY COLLEGE LONDON	UK	999975620	0.00	0.00		
8	AP	OU	THE OPEN UNIVERSITY	UK	999923337	0.00	0.00		
Total						2 585 135.00	2 585 135.00		

Coordinator:

- LINNEUNIVERSITETET (LNU): from 8 June 2022 to present

3. Grant

Maximum grant amount, total estimated eligible costs and contributions and funding rate:

Total eligible costs (BEN and AE)	Funding rate (%)	Maximum grant amount (Annex 2)	Maximum grant amount (award decision)
2 585 135.00	100	2 585 135.00	2 585 135.00

Grant form: Budget-based

Grant mode: Action grant

Budget categories/activity types:

- A. Personnel costs
 - A.1 Employees, A.2 Natural persons under direct contract, A.3 Seconded persons
 - A.4 SME owners and natural person beneficiaries
- B. Subcontracting costs
- C. Purchase costs
 - C.1 Travel and subsistence
 - C.2 Equipment
 - C.3 Other goods, works and services
- D. Other cost categories
 - D.2 Internally invoiced goods and services
- E. Indirect costs

Cost eligibility options:

- In-kind contributions eligible costs
- Parental leave
- Project-based supplementary payments

- Average personnel costs (unit cost according to usual cost accounting practices)
- Limitation for subcontracting
- Travel and subsistence:
 - Travel: Actual costs
 - Accommodation: Actual costs
 - Subsistence: Actual costs
- Equipment: depreciation only
- Indirect cost flat-rate: 25% of the eligible direct costs (categories A-D, except volunteers costs, subcontracting costs, financial support to third parties and exempted specific cost categories, if any)
- VAT: Yes
- Other ineligible costs

Budget flexibility: Yes (no flexibility cap)

4. Reporting, payments and recoveries

4.1 Continuous reporting (art 21)

Deliverables: see Funding & Tenders Portal Continuous Reporting tool

4.2 Periodic reporting and payments

Reporting and payment schedule (art 21, 22):

Reporting					Payments	
Reporting periods			Type	Deadline	Type	Deadline (time to pay)
RP No	Month from	Month to				
					Initial prefinancing	30 days from entry into force/10 days before starting date – whichever is the latest
					Interim payment	90 days from receiving periodic report
					Final payment	90 days from receiving periodic report

Prefinancing payments and guarantees:

Prefinancing payment	
Type	Amount
Prefinancing 1 (initial)	2 068 108.00

Reporting and payment modalities (art 21, 22):

Mutual Insurance Mechanism (MIM): Yes

MIM contribution: 5% of the maximum grant amount (129 256.75), retained from the initial prefinancing

Restrictions on distribution of initial prefinancing: The prefinancing may be distributed only if the minimum number of beneficiaries set out in the call conditions (if any) have acceded to the Agreement and only to beneficiaries that have acceded.

Interim payment ceiling (if any): 90% of the maximum grant amount

Exception for revenues: Yes

No-profit rule: Yes

Late payment interest: ECB + 3.5%

Bank account for payments:

SE3312000000012810121524

Conversion into euros: Double conversion

Reporting language: Language of the Agreement

4.3 Certificates (art 24):

Certificates on the financial statements (CFS):

Conditions:

Schedule: only at final payment, if threshold is reached

Standard threshold (beneficiary-level):

- financial statement: requested EU contribution to costs \geq EUR 430 000.00

Special threshold for beneficiaries with a systems and process audit(see Article 24): financial statement: requested EU contribution to costs \geq EUR 725 000.00

4.4 Recoveries (art 22)

First-line liability for recoveries:

Beneficiary termination: Beneficiary concerned

Final payment: Each beneficiary for their own debt

After final payment: Beneficiary concerned

Joint and several liability for enforced recoveries (in case of non-payment):

Individual financial responsibility: Each beneficiary is liable only for its own debts (and those of its affiliated entities, if any)

Joint and several liability of affiliated entities — n/a

5. Consequences of non-compliance, applicable law & dispute settlement forum

Suspension and termination:

Additional suspension grounds (art 31)

Additional termination grounds (art 32)

Applicable law (art 43):

Standard applicable law regime: EU law + law of Belgium

Dispute settlement forum (art 43):

Standard dispute settlement forum:

EU beneficiaries: EU General Court + EU Court of Justice (on appeal)

Non-EU beneficiaries: Courts of Brussels, Belgium (unless an international agreement provides for the enforceability of EU court judgements)

6. Other

Specific rules (Annex 5): Yes

Standard time-limits after project end:

Confidentiality (for X years after final payment): 5

Record-keeping (for X years after final payment): 5 (or 3 for grants of not more than EUR 60 000)

Reviews (up to X years after final payment): 2

Audits (up to X years after final payment): 2

Extension of findings from other grants to this grant (no later than X years after final payment): 2

Impact evaluation (up to X years after final payment): 5 (or 3 for grants of not more than EUR 60 000)