

European Partnerships: CET & DUT

CETPartnership



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23. 11. 2022



Clean Energy Transition Partnership (CET)

CETPartnership



Co-funded by
the European Union

Clean Energy Transition Partnership

The Clean Energy Transition Partnership (CET Partnership) is a multilateral and strategic partnership of national and regional research, development and innovation (RDI) programmes in EU/EEA Member States and non-EU/EEA Partner Countries

Goals

- Partnership empowers the clean energy transition and contributes to the EU's goal of becoming the first climate-neutral continent by 2050
- CETPartnership will contribute to reaching the objectives of saving energy, producing clean energy, diversifying Europe's energy supplies, strengthening Europe's clean energy value chains and making them more sustainable
- **Complex endeavour:**
 - a) levels of the transnational innovation ecosystems - from the very local and regional level, up to the transnational European level
 - b) geographic coverage of the collaboration - beyond Europe

Duration: 2022 - 2028 - 6 co-funded Calls for research projects (x 2022 already launched)

CET Partnership Calls 2022

“CETPartnership Joint Call 2022”

140 mil. EUR (allocation)

Thematic Scope - Call 2022 is thematically divided into:

- **7 TRIs:** transition initiatives (overarching configurations) -> *major thematic areas*
- subsequent **11 Call Modules** -> *specific sub-thematic areas*
- **the Call-module-scheme -> will be utilised also for the 2023 Call (vs. different topics)*

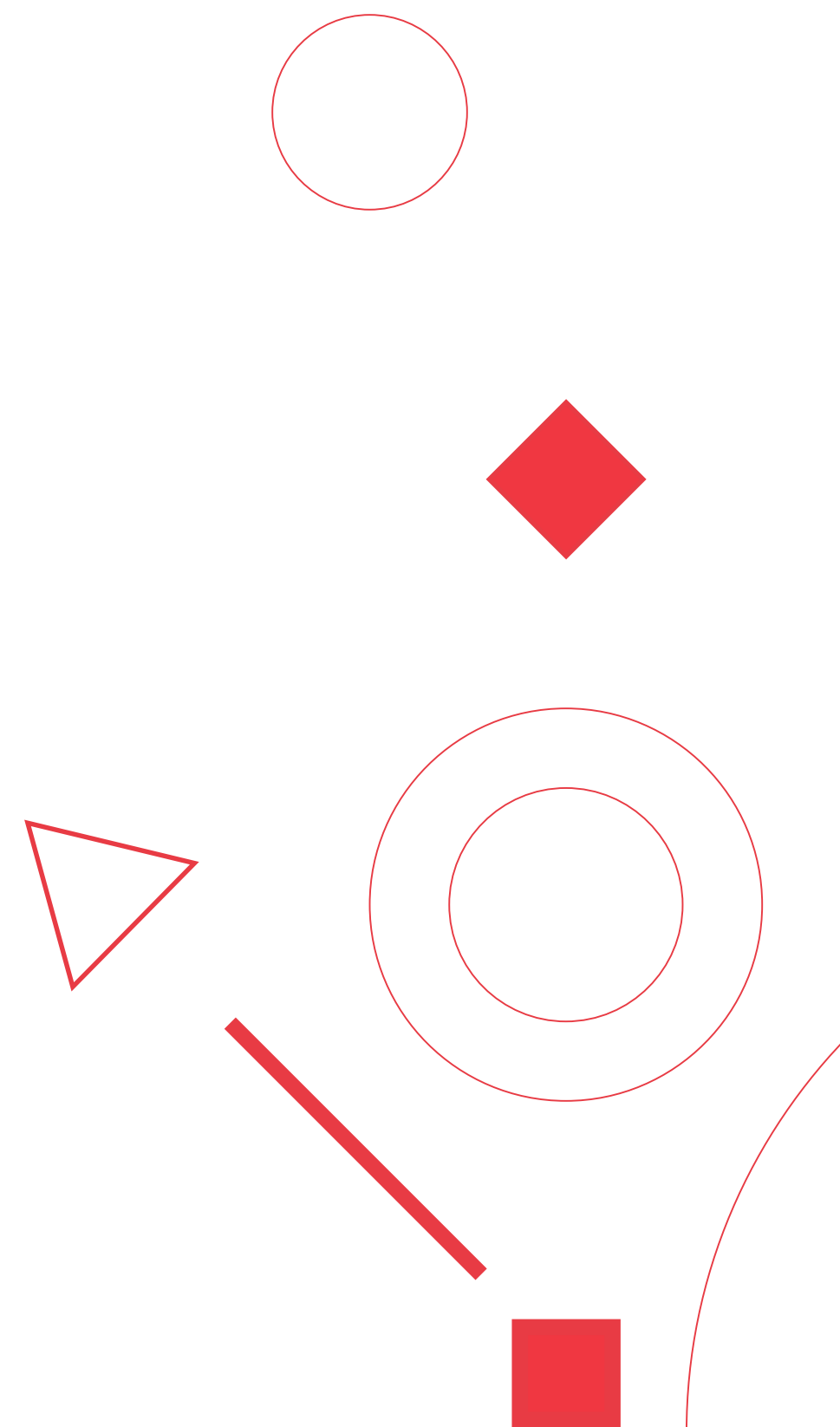
Call Modules: *“describe specific topics and/or challenges that applicants shall address in their project proposal”*

- **act as “sub-calls”**
- applicants submit project proposals to particular Call Modules
- each Call Module: own prerequisites, own funding allocation, evaluation and ranking

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Next Call: 2023 (autumn)

Topics: ongoing discussion



CET Call Modules

TRI 1: Optimised integrated European net-zero emissions energy system

- Call Module 1.1: PowerPlanningTools
- Call Module 1.2: RESDemoPowerFlex

TRI 2: Enhanced zero emission power technologies

- Call Module 2.1: Advancing RE technologies for power production through cost reduction
- Call Module 2.2: Breakthrough R&D to increase RE power technologies efficiency

TRI 3: Enabling climate neutrality with storage technologies, hydrogen and renewable fuels and CCU/CCS

- Call Module 3.1: CCU/CCS technologies
- Call Module 3.2: Hydrogen and renewable fuels

TRI 4: Efficient zero emission Heating and Cooling Solutions

- Call Module 4: Heating & Cooling

TRI 5: Integrated regional energy systems

- Call Module 5: Integrated Regional Energy Systems

TRI 6: Integrated industrial energy systems

- Call Module 6: Industrial energy systems

TRI 7: Integration in the built environment

- Call Module 7.1: R&I in clean energy integration in the built environment
- Call Module 7.2: Solutions to energy transition in the built environment

More information

TA CR Website

<https://www.tacr.cz/program/clean-energy-transition/>

CET Partnership website

<https://www.cetpartnership.eu/>

Information webinar 2022 (presentation)

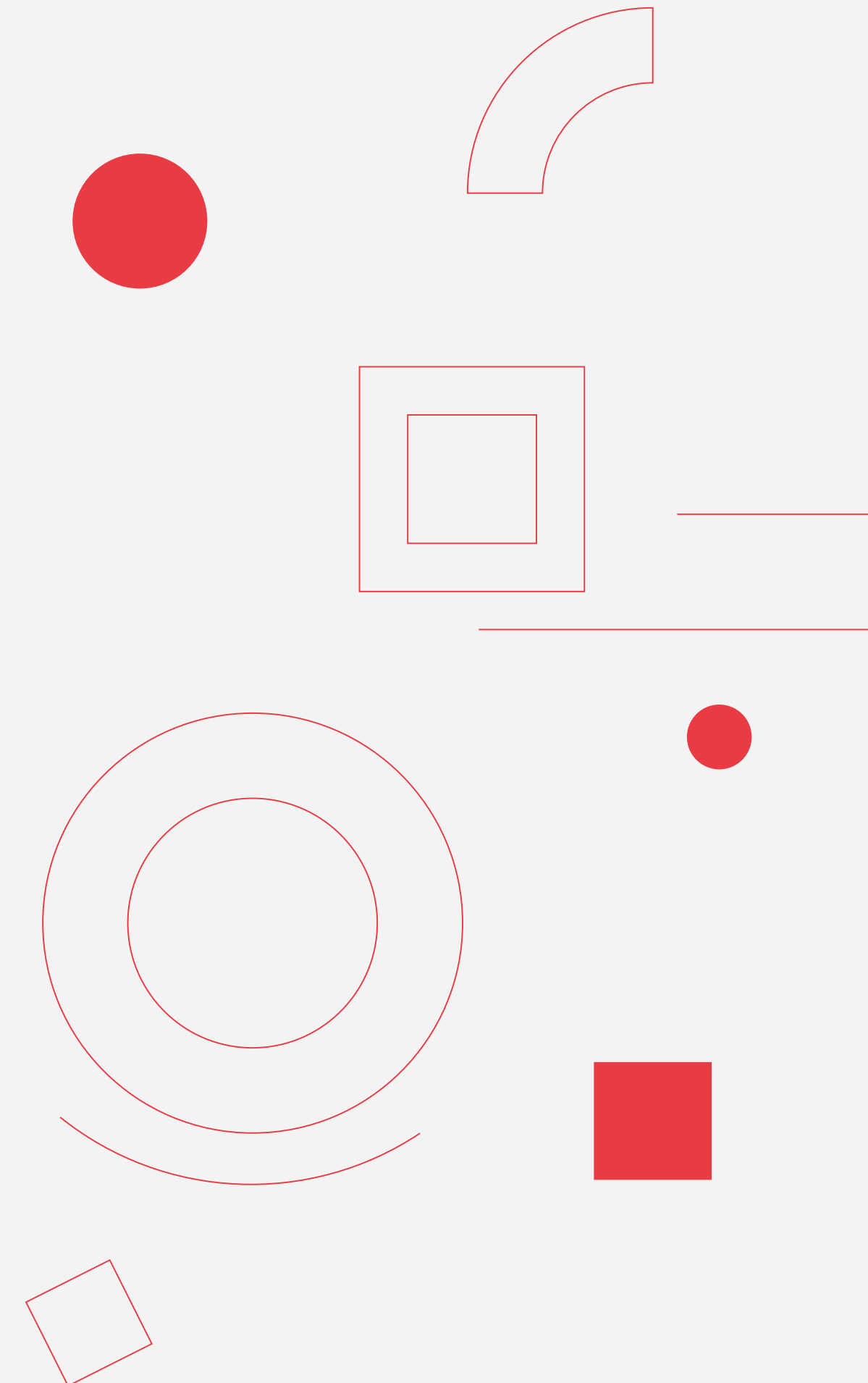
<https://www.cetpartnership.eu/sites/default/files/documentatio n/CETPartnership%20Joint%20Call%202022%20Info%20Day1.pdf>

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Driving Urban Transitions Partnership (DUT)



Kateřina Volfov
23. 11. 2022



Co-funded by
the European Union

Driving Urban Transitions Partnership

- new programme of JPI Urban Europe starting in 2022
- co-funded European partnership of more than 60 partners from 27 countries
- the only European partnership addressing urban development in its complexity, with a close link to the European mission of 100 climate-neutral and smart cities

Goals

- create a strong community around urban transitions and to establish a well-known research and innovation platform that will help cities become more sustainable, inclusive and liveable
- enable local authorities and municipalities, business, and citizens to translate global strategies into local action
- develop the skills and tools to make urban change happen and boost the urgently needed urban transformations towards a sustainable future with enhanced quality of life in cities

DUT Partnership - Transition Pathways

Positive Energy Districts Pathway (PED)

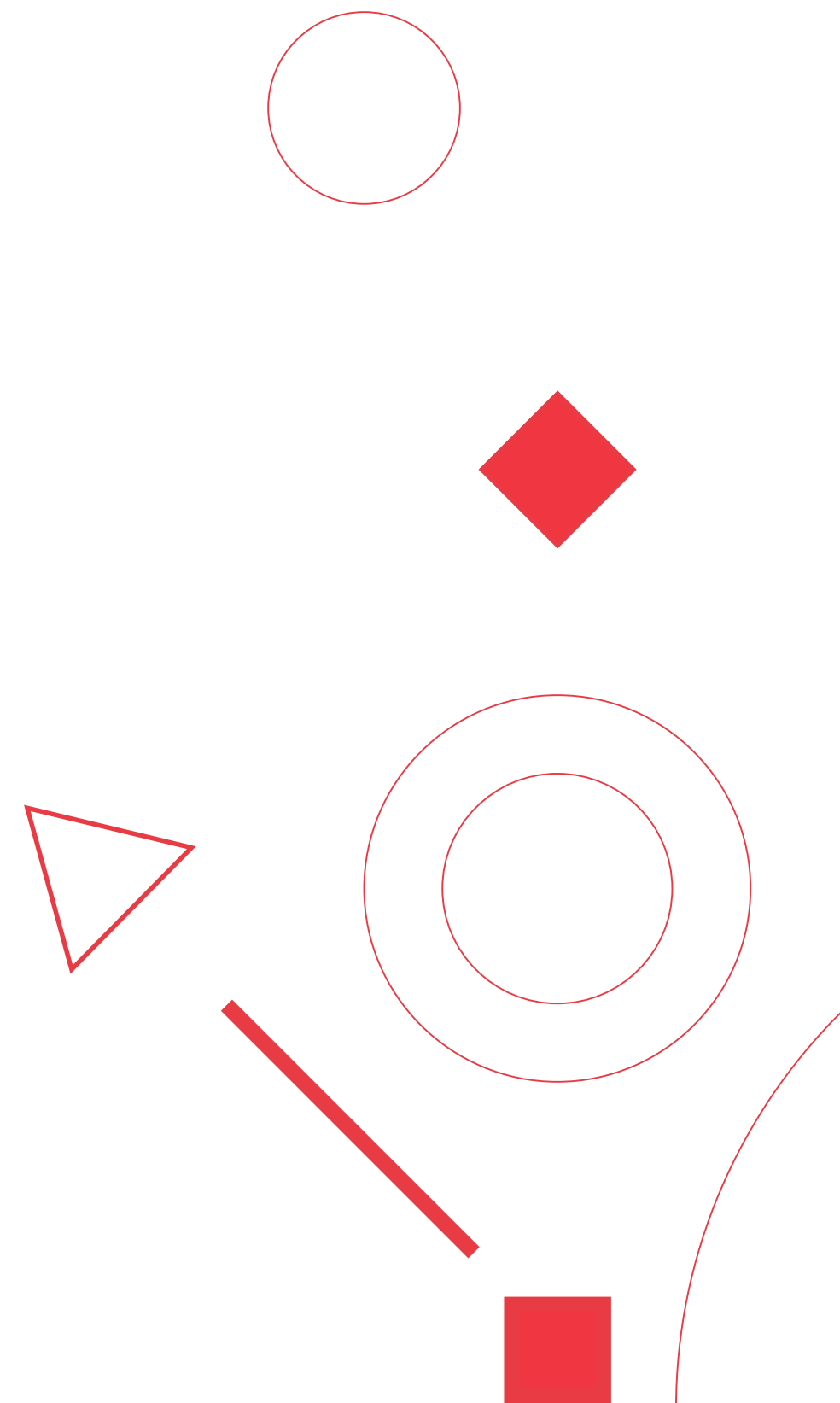
- Energy communities
- Energy flexibility strategies
- Energy efficiency in existing urban structures

15-minutes City Pathway (15mC)

- Strengthen the mix of urban functions and services
- Sustainable options for personal mobility and logistics in urban outskirts
- (Re)imagine urban public spaces and streets for vibrant, sustainable neighbourhoods

Circular Urban Economies Pathway (CUE)

- Urban Resource Sharing and Circularity
- Nature-based solutions
- Urban food systems



DUT Partnership - Duration and Calls

- 2022-2028
- 6 Calls (2022-2027 each year one Call)
- Call 2022 launched in September (currently transitioning to the 2nd stage)
- EC support to the Partnership and its first two calls - up to EUR 37 million

Call 2022



- Total national budget dedicated to the call - over EUR 70 million
- TA ČR - EUR 1.6 milion (EPSILON + NPO)
- Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Italy, Latvia, Lithuania, The Netherlands, Norway, Poland, Portugal, Romania, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom

DUT Partnership - Participants and type of research

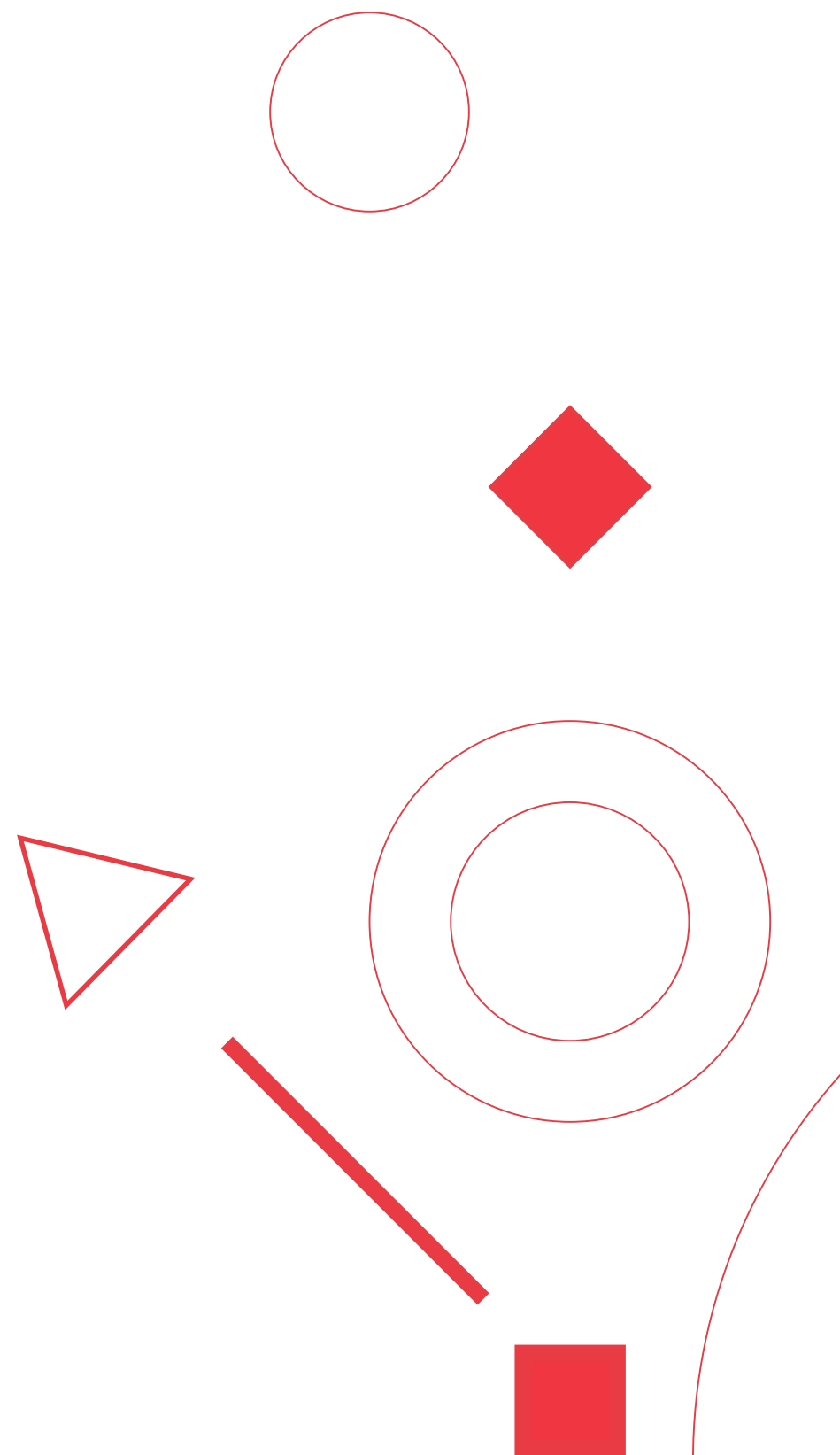
Who can apply?

- research organisations
- companies and commercial organisations
- urban government authorities
- consumers and civil society representatives

Types of research and innovation activities?

- strategic urban research
- applied urban research
- urban innovation and implementation
- Approach: research-oriented or innovation-oriented

Each project partner must meet its national eligibility criteria and project must meet transnational eligibility criteria!



More information

DUT Partnership Website

<https://dutpartnership.eu/>

DUT Call 2022 Website

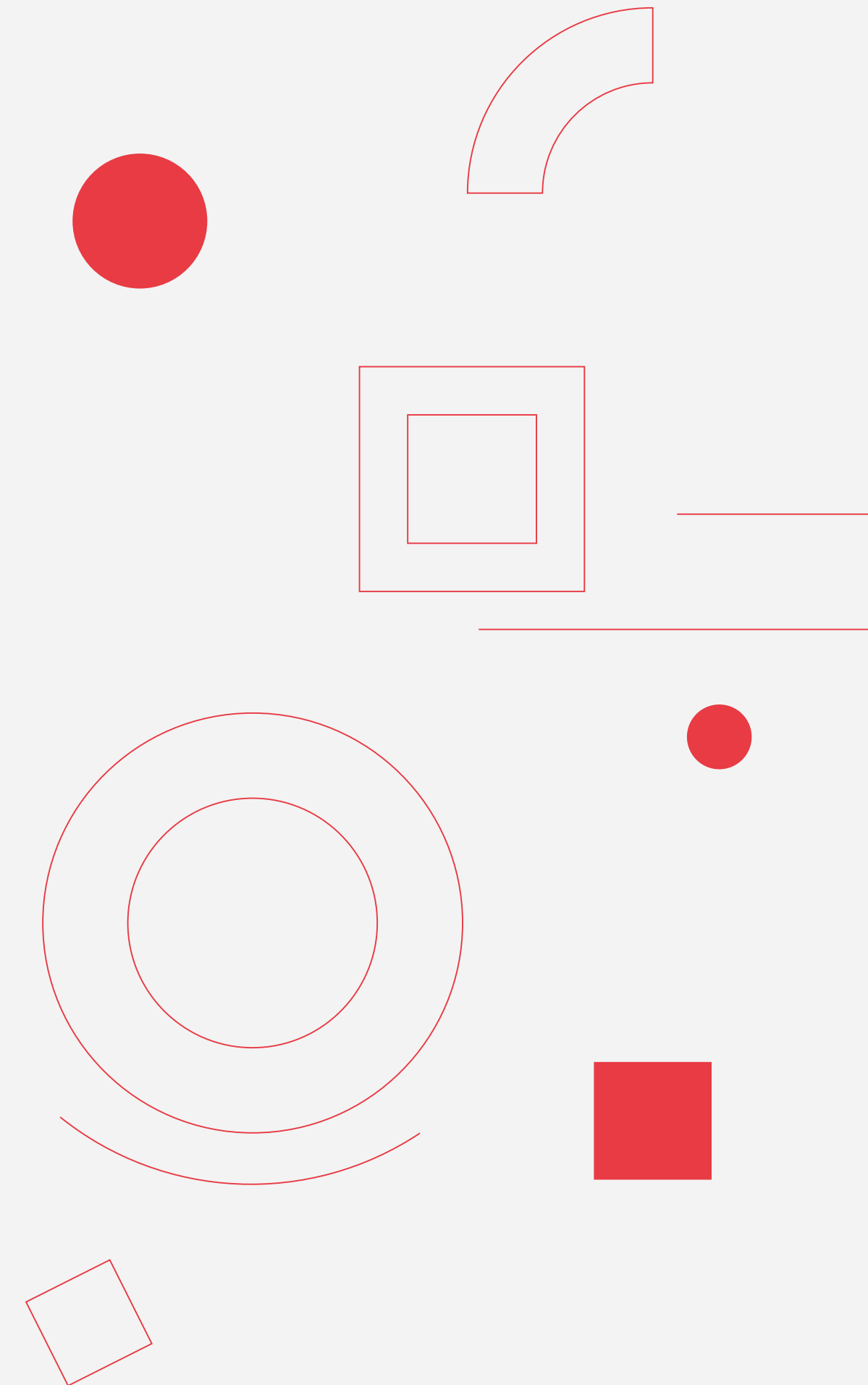
https://dutpartnership.eu/dut_call_2022/

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