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Partner search

Date (20-10-20)

- (*) Indicate numbers of relevant topics for Green Deal call:

LC-GD-3-2-2020
LC-GD-4-1-2020

- Quick description of the project

General objectives :

Collaborate with local communities, real estate and urban developers, as well as other consulting and research centres, to develop context specific circular economy projects and policies based on innovative assessment methods and data visualization tools.

- (*) Do you intend to apply as ? :

Coordinator: No

Participant: Yes

(*) Either Description of the expertise requested (up to 1000 characters) - specify which points of the "expected impact" of the call you are targeting

/

Or Description of the expertise proposed (up to 1000 characters) - specify which points of the "expected impact" of the call you are targeting

Expertise :

- development of innovative assessment methods and data visualization tools
- energy and material flows analysis (MFA) from a neighborhood to a city or regional scale : top-down (Eurostat) and bottom-up (with GIS data) methods, static (diagnosis) and dynamic (forecasting) analysis
- construction materials stocks analysis from a building to a city or regional scale, resource cadaster

Research objectives :

- link flows and stocks with their impacts on climate change and energy resources (e.g. optimized energy retrofit)
- further develop dynamic flows analysis to compare forecasting scenarios for decision making
- cross-reference environmental, societal and economic criteria to analyse circular economy projects

Impacts targeted :

- decoupling of economic and human activities
- improved sustainability and circularity and valorisation of local resources
- creation of jobs
- knowledge transfer
- widespread uptake and replication
- reduced environmental impacts of buildings

Key words :

material flows and stocks analysis ; construction materials ; resources

Organisation information

Organisation and country:

CitéSource, FRANCE (Rennes, Brittany)



Type of organisation: <input type="checkbox"/> Enterprise <input checked="" type="checkbox"/> SME <input type="checkbox"/> Academic <input type="checkbox"/> Research institute <input type="checkbox"/> Public Body <input type="checkbox"/> Other: Association
Former participation in FP European projects? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Web address: http://www.citesource.fr/en/
Description of the organisation: <p>CitéSource is a consulting and research company specialized in innovative assessment methods for circular economy strategies. We believe that cities are mines of resources that need to be better known and used.</p> <p>CitéSource analyses the metabolism of cities like Paris (http://metabolisme.paris.fr) which need data on material flows and stocks to build context specific circular economy plans.</p> <p>We also estimate construction materials flows and stocks from a neighbourhood to a city or regional scale to support circular economy strategies in construction and urban projects. CitéSource produces geolocalised data which are shared on online databases (e.g. urban resource cadaster) in order to encourage stakeholder participation and provide support for decision making.</p> <p>Both managers of CitéSource, Vincent Augiseau and Eunhye Kim, are PhD, worked in renowned research centers and took part to many research projects including projects financed by the French National Research Agency (ANR) : ASPECT 2050 (methodology for the development of local climate and energy plans), IMPETUS (innovative methodology and practical evaluation tools for urban sustainability), CONFLUENT (urban energy and material flows and environmental footprint).</p>

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(*) –Mandatory