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**Partner search**

**Date (05-11-20)**

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

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| **LC-GD-4-1-2020** |

* **Quick description of the project**

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| **(describe the objectives, activities, partners requested and their skills)**To support and accelerate the energy transition, SAMOA will test and deploy solutions and innovations to reduce energy prices and energy consumption rates in buildings. SAMOA is planning the development of a large-scale demonstration site combining energy retrofit of existing buildings, the design and deployment of local and renewable energy production on new buildings with a smart energy management system and the involvement of end-users, bioclimatic design for new buildings and the development of a systematic construction materials reuse system. |

* **(\*) 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***

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| SAMOA is looking for a consortium or lead partner wishing to develop demonstration of green neighbourhoods. SAMOA can act as demonstration site with both renovation and new buildings developments but can adapt the project to a consortium’s needs and could replicate solutions.**+ key words:**  |

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

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| SAMOA’s mission is to define the overarching urban planning strategy of the Island of Nantes, 337 hectares at the centre of the city of Nantes, West of France. SAMOA acts as contracting authority for all public spaces and supervises building projects developed by public or private operators on the Island.Samoa will develop a new neighbourhood (“Quartier République”, 20 hectares) with a local energy production and self-consumption system at the scale of the neighbourhood (first buildings delivered by 2023, all by 2028). First of its kind in France for its geographical scale, SAMOA will: * Develop PV panels on roof tops
* Test new forms of energy sharing systems at the scale of the neighbourhood (several blocks of buildings: residential and non-residential)
* Test a governance model for local energy communities
* Develop complementary uses around the system (storage, EV charging, etc.)
* Add other energy solutions systems such as cooling network (associated with existing heating network) and heat pumps
* Test bioclimatic design for buildings relying on new climate and energy consumption modelling tools

At the scale of the Island, SAMOA will also: * Develop an energy retrofit action on existing buildings at the scale of the Island and place the urban planner as a key player to accelerate the energy transition
* Develop an integrated platform for reuse of excavated soils at the scale of the Island and test soil remediation innovations
* Engage in systematic and integrated reuse of construction materials in new buildings
* Engage in citizen participation processes and programmes to support behavioural change and decrease in energy consumption practices

**+key words: energy retrofit; smart energy management system; local energy production; PV panels integrated in the design of buildings; end-user engagement and governance; cooling network / heat pumps platform for reuse of excavated soils; soil remediation** |

**Organisation information**

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| **Organisation and country:****SAMOA (FR)** |
| **Type of organisation:**City-owned enterprise (Private organisation) |
| **Former participation in FP European projects?****□ Yes** (Related to this field : [CONCERTO](https://www.concertoplus.eu/) FP7) |
| **Web address:**[**https://www.iledenantes.com/**](https://www.iledenantes.com/) |
| **Description of the organisation:**SAMOA is a city-owned urban development agency with 2 main missions: the urban redevelopment of the Island of Nantes (337ha at the heart of the city of Nantes) and the economic development support to the cultural and creative industries. This original combination allows SAMOA to experiment innovative ways to develop the city in a user-centric way.Founded in 2003 by Nantes Métropole, SAMOA defines the overarching urban planning strategy in line with public policy, acts as contracting authority for all public spaces and supervises building projects developed by public or private operators.Between 2003 and 2018, 920.000 m2 of real estate development have been delivered on the Island of Nantes as well as 62 hectares of public spaces. SAMOA is now in charge of the South West of the Island which will complete the redevelopment of the Island on previous industrial areas. The new University Hospital will land on the Island by 2026 and the area will densify with 395.000m2 of housing developments, 205.000m2 of office and commercial space and 125.000m2 of public equipment. |

**(\*) Contact details**

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**(\*) –Mandatory**