

LETTER OF INTENT
to support the
Open & Agile Smart Cities
collaboration initiative

We, [City|Network], hereby declare our support to experimental activities within the Open & Agile Smart Cities initiative, which relies on the following implementation principles – *with specific references to FIWARE, for the convenience of those already using this architecture*:

Approach: Adoption of a “driven by implementation” approach towards experimental consolidation of initial standard data models as well as specification of new standard data models. The goal is that communities and developers can (1) co-create their services based on basic but commonly-defined data models, (2) influence the definition of new models by implementing and experimenting, and (3) help “curate” existing data models. *Specifically, this will mean engaging organisations and communities, leveraging relevant initiatives, e.g. startups/SMEs selected through the FIWARE Accelerator Programme (projects focused on Smart Cities), the OrganiCity Experimentation-as-a-Service facility and open calls, Code for Europe and/or other relevant programmes, including national networks, that may help to engage wider communities of stakeholders and developers. It will also mean leveraging the FIWARE Lab, OrganiCity facility etc. as joint, major hubs for experimentation with the proposed APIs, data models and platforms.*

API: Adoption of a lightweight, open-license standard API to gather, publish, query and subscribe-to in-time context information describing the state of the city. *Specifically, the FIWARE NGSI API will serve as a first common API which the supporters will implement.*

Data model: Adoption of a simple initial standard data model required for effective interoperability when exchanging context information. *Specifically, CitySDK, which is available through the FIWARE NGSI API, functions as a basis.*

Open Data Platform: Adoption of a flexible, easily-distributable open data publication platform which any organisation can set up at a low cost if it is not already being used. *Specifically, CKAN will serve as the initial standard platform for publication of datasets or NGSI API resources. CKAN is already integrated and extended as part of the FIWARE Reference Architecture*

We believe that the Open & Agile Smart Cities initiative will be instrumental in the organic adoption and further development of a common set of standard APIs, data models and open data platforms for smart cities which – by providing adequate flexibility in implementation and an appropriate level of loose/tight coupling – will ultimately fuel city-driven innovation and transform cities into hearts of economic growth and enablers of sustainable wellbeing of citizens.

We will support the initiative by publishing Open Data from our data portal/s [Portal-Name] on the FIWARE Lab, in order to facilitate standardization of smart city data models following a “driven by implementation” approach. We acknowledge that open

data published through the Open & Agile Smart Cities initiative will be made available to cities, communities and developers worldwide for free experimentation based on open licenses.

Specifically, we have already taken decisions which will lead to our support of the Open & Agile Smart Cities implementation principles above:

[Short description (max 250 chars) of one or more initiatives. Further information can be added as appendices (links pointing to announcements and extra material are also welcomed).]

Place

[City Name], [Country]

Date

[Date/Month/Year]

Name

[Full Name]

In the role as

[Smart city-related function within organisation]

Signature
