General information

Organisation name: ARIA Technologies SA

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Targeted topics (ARIA skills are relevant for the 3 topics)

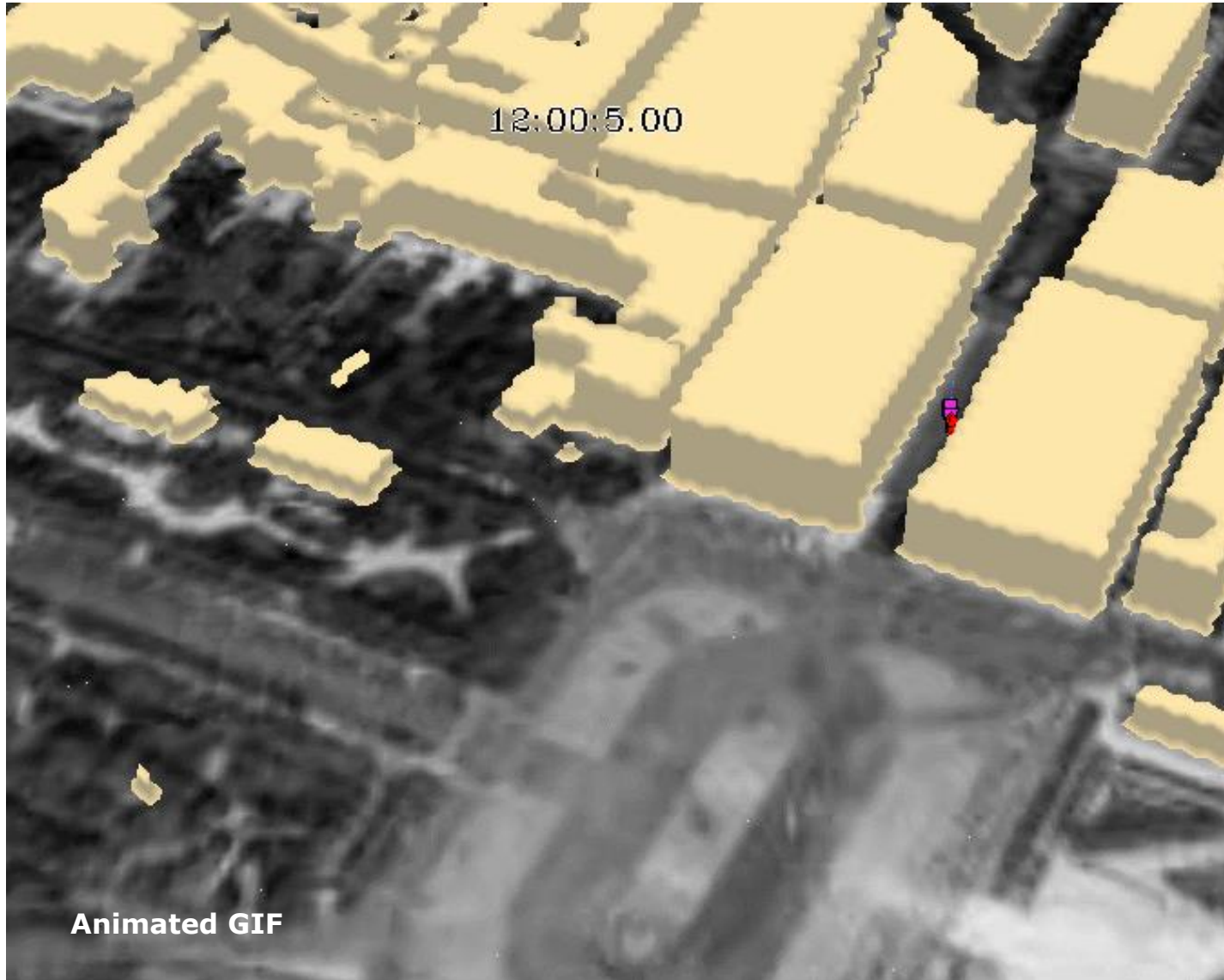|		
LC-SC3-SCC-1-2018-2019-2020	*Smart Cities and Communities*	*IA*
SU-INFRA02-2019	*Security for smart and safe cities, including for public spaces*	*IA*
SC6-Transformations 2018-2019-2020	*Innovative solutions for inclusive and sustainable urban environments*	RIA / CSA

Competencies

- *Organisation competencies*
    - **Atmospheric environment (multi-scale from indoor to continental scale)**
    - **Air pollution and NRBC**
    - **Renewable energy : wind and solar potential in urban environment**
    - **Mitigation and adaptation to climate change**

- *Organisation experience in the European project*
    - **Many references : FP7, H2020, Life, Climate KIC**
    - **Just finished / in progress**
        - AF3 : Advanced Forest Fire Fighting
        - HERACLES : Air pollution over historic monument
        - Insurrance H2020 : Health / Forest fire

- *The skills you can bring*
    - **Wind / meso / micro modelling : Prognostic and data assimilation**
    - **Real time / web advanced dispersion model**

Example : CEA / ARIA

12:00:5.00

Animated GIF

Project idea

- *Describe your project idea*
  - **- ARIA as an SME will join a consortium**
  - **Our add value**
    - Our tools and know-how in the applied atmospheric environment
    - Our international network : can find complementary skill in many countries (Europe and worldwide)
  - **Our Suggestion : A multipurpose platform : real time high resolution 3D modelling of a city**
    - Air quality and urban comfort
    - Urban planning (in context of urban heat island / extrem met event management)
    - Hazardous atmospheric releases management
    - Urban renewable energy

- *List of the complementary skills you need for your consortium*
  - **The consortium leader**
  - **Down stream services to add in the platform**