



MI Smart Grids
4th WS - Rome 2018

4th MI IC1 Smart Grids Innovation Workshop

Rome, November 21st – 23rd, 2018

Rome Declaration

We, **the members of Mission Innovation IC1 on Smart Grids**, having participated in the Fourth Mission Innovation deep-dive workshop during 21st - 23rd November 2018, hosted by Italy in Rome, confirm our continuing commitment to strongly support the ongoing fruitful collaboration within the Innovation Challenge 1.

Our joint activities continue to be devoted to supporting research, development and demonstration of reliable, resilient, secure, affordable, flexible and efficient regional, distribution, and micro-grids in diverse geographic conditions, including nurturing and accelerating cross-cutting innovation.

As an important step towards our aims, at this workshop the IC1 members, coordinated by the co-Leads from China, India and Italy, have agreed:

- To release the final version of the R&D Tasks Program of Work covering the description of the main activities and deliverables for 2019-2020 for the following six R&D joint Tasks: 'Storage integration', 'Demand response', 'Regional electricity highways', 'Flexibility options', 'New grid control architectures' and 'Power electronics'.

- To fully engage the private sector and business investors to accelerate the adoption of smart grids technical solutions. As a follow-up action to the decisions taken by leaders during the smart grids breakout session at the third MI Ministerial MI-3 meeting in Malmoe, IC1 members agreed with smart grids industry leaders to launch the *Smart Grids Innovation Accelerator (SGIA) Platform*. This will serve as a suitable tool to enable knowledge sharing of technical results and best practices, thus removing barriers and providing insights to boost smart grids market uptake. In line with the spirit of Mission Innovation, public and private sectors will join forces towards IC1 goals to accelerate the development and deployment of innovative smart grids technologies worldwide.

Moreover, as part of IC1's strategy to sustain its present excellent track record and the ability to leverage both internal and external partnerships for maximum impact - a *Letter of Intent* to promote a fruitful collaboration and reciprocal support has been signed with the International Smart Grid Action Network – ISGAN. ISGAN operates both as a Clean Energy Ministerial (CEM) initiative and as an International Energy Agency (IEA) Technology Collaboration Programme (TCP).

As an initial ambitious step, IC1 and ISGAN agreed to organize the first MI-CEM smart grids joint workshop at the MI4/CEM10 event in May 2019, in Vancouver, Canada focusing on two strategic topics of mutual priority: *Storage integration* and *Flexibility Options*. A joint fact sheet on each of the above topics will be developed and released at the first IC1-ISGAN workshop.

This declaration is given in unanimity
by The Mission Innovation **Innovation Challenge 1** 'Smart Grids'