1. Record Nr. UNINA9910632999103321

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   Titolo IURBAN : intelligent urban energy tool / / editors, Narcis Avellana, Alberto Fernandez

   Pubbl/distr/stampa Taylor & Francis, 2017
   Alsbjergvej, Gistrup, Denmark ; ; Delft, The Netherlands : , : River Publishers, , 2017
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   ISBN 1-00-333872-0
   1-003-33872-0
   1-000-79366-4
   87-93519-09-5

   Edizione [1st ed.]

   Descrizione fisica 1 online resource (224 pages) : illustrations (some color), tables

   Collana River Publishers Series in Renewable Energy

   Disciplina 302.2

   Soggetti Communication - Technological innovations
   Communication - Technological innovations - Economic aspects

   Lingua di pubblicazione Inglese

   Formato Materiale a stampa

   Livello bibliografico Monografia

   Nota di bibliografia Includes bibliographical references at the end of each chapters and index.

   Sommario/riassunto iURBAN: Intelligent Urban Energy Tool introduces an urban energy tool integrating different ICT energy management systems (both hardware and software) in two European cities, providing useful data to a novel decision support system that makes available the necessary parameters for the generation and further operation of associated business models. The business models contribute at a global level to efficiently manage and distribute the energy produced and consumed at a local level (city or neighbourhood), incorporating behavioural aspects of the users into the software platform and in general prosumers. iURBAN integrates a smart Decision Support System (smartDSS) that collects real-time or near real-time data, aggregates, analyses and suggest actions of energy consumption and production from different buildings, renewable energy production resources, combined heat and power plants, electric vehicles (EV) charge stations, storage systems,

sensors and actuators. The consumption and production data is collected via a heterogeneous data communication protocols and networks. The iURBAN smartDSS through a Local Decision Support System allows the citizens to analyse the consumptions and productions that they are generating, receive information about CO_2 savings, advises in demand response and the possibility to participate actively in the energy market. Whilst, through a Centralised Decision Support System allow to utilities, ESCOs, municipalities or other authorised third parties to: Get a continuous snapshot of city energy consumption and productionManage energy consumption and productionForecasting of energy consumptionPlanning of new energy "producers" for the future needs of the cityVisualise, analyse and take decisions of all the end points that are consuming or producing energy in a city level, permitting them to forecast and planning renewable power generation available in the city.