Developing methods to model local area temporal domestic electricity demand

Scheda informativa

Informazioni relative al progetto

Spatialec

ID dell'accordo di sovvenzione: 700386

Sito web del progetto

Stato
Progetto in corso

Data di avvio
1 Dicembre 2017

Data di completamento
31 Ottobre 2020

Finanziato da:
H2020-EU.1.3.2.

Bilancio complessivo:
€ 257 017,35

Contributo UE
€ 257 017,35

Coordinato da:
UNIVERSITY OF SOUTHAMPTON
Regno Unito

Obiettivo

The objective of this proposal is to implement a programme of research and impact activities intended to provide a step change in the level of understanding of, and modelling capacity for, spatially disaggregated temporal domestic electricity demand in a smart grid and demand response context. This programme will be developed in partnership with internationally recognised experts led by the University of Otago (host) who are pioneering in this field. It will be exploited via an applied research programme at the University of Southampton (beneficiary) which intends to integrate census, social science time use and detailed consumption data to develop local area level demand response models to support the analysis of a range of demand response scenarios. In so doing the fellowship will provide the applicant with a foundation from which to build a new career pathway by applying his substantial existing social scientific data analysis and spatial microsimulation expertise to the development and leadership of a substantial new European research capacity in an area of emerging commercial, societal and political significance.
**Campo scientifico**

/scienze sociali/sociologia/demografia/censimento

/scienze sociali

/natural sciences/computer and information sciences/data science/data analysis

**Programma(i)**

H2020-EU.1.3.2. - Nurturing excellence by means of cross-border and cross-sector mobility

**Argomento(i)**

MSCA-IF-2015-GF - Marie Skłodowska-Curie Individual Fellowships (IF-GF)

**Invito a presentare proposte**

H2020-MSCA-IF-2015

Vedi altri progetti per questo bando

**Meccanismo di finanziamento**

MSCA-IF-GF - Global Fellowships

**Coordinatore**

UNIVERSITY OF SOUTHAMPTON

Indirizzo  
Highfield  
So17 1bj Southampton  
Regno Unito

Tipo di attività  
Higher or Secondary Education Establishments

Contributo UE  
€ 257 017,35

**Partner** (1)

Sito web

Contatta l’organizzazione
UNIVERSITY OF OTAGO
Nuova Zelanda

Indirizzo
Saint David Street
9054 Dunedin

Tipo di attività
Higher or Secondary
Education Establishments

Sito web
Contatta l'organizzazione

Ultimo aggiornamento: 4 Maggio 2017
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