

Energy Projects

Trieste, 20th April 2023

http://www.idee-eu.es



Analysis: 01 University of Malaga

Transfer of knowledge Inside of the University Computer & Telecommunications Industrial Faculty of Law ... 27 buildings Engineering

University of Malaga Project

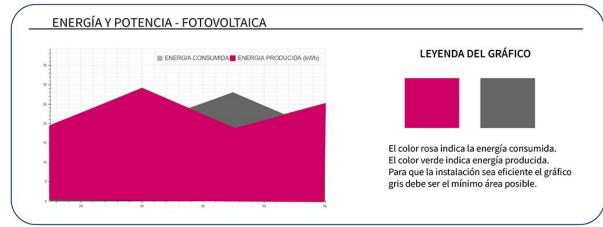


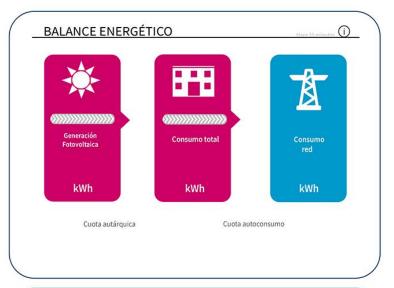




UNIVERSIDAD DE MÁLAGA











Analysis: 02 Cemetery Park (Parcemasa)

Transfer of knowledge

Outside of the University



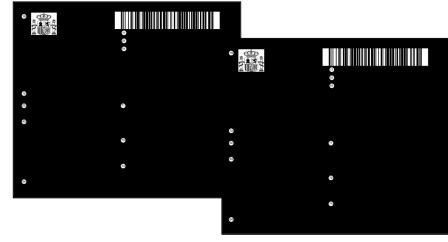
UIDEE



Cemetery Park (Parcemasa)

Design and Project





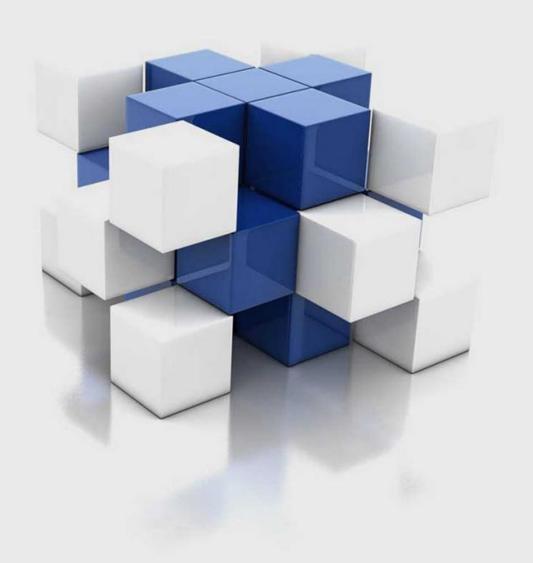






New phase, 212 funeral buildings & more

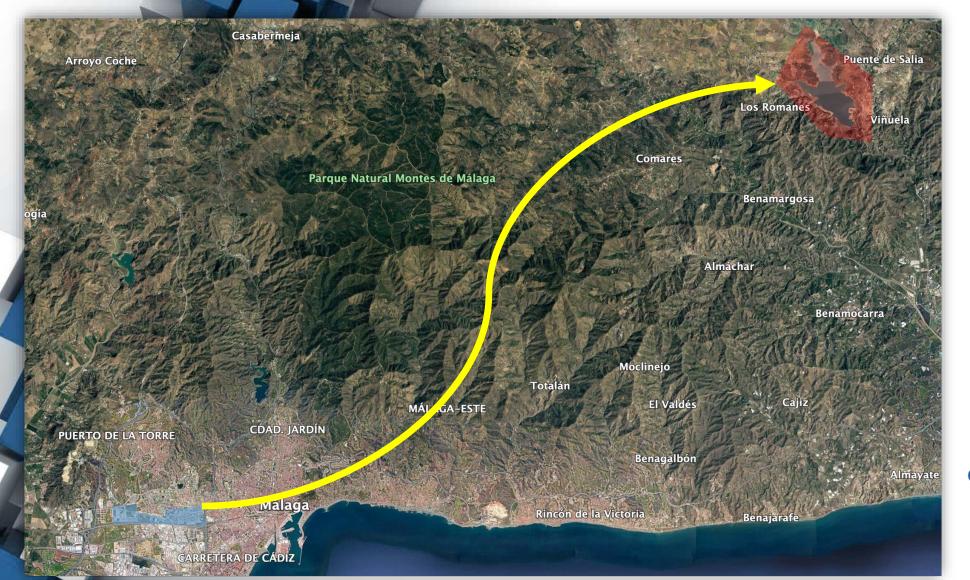




Analysis: 03 Water + Sustainable (Agua+S)

Transfer of knowledge

Outside of the Area







Agua+S Project

Desalination plant

It is located near the coast and receives the necessary supply for processing through seawater intake and return connections, diverting the brine to the adjacent industry. Once the drinking water has been transformed and generated, it is pumped to its storage area in the chosen reservoir, dam or lake.

2 Electricity transmission

To connect the floating solar photovoltaic plant with the desalination plant, an electricity transmission line is being developed to supply the necessary energy both to the desalination plant itself and to the network of intermediate pumping stations. This infrastructure can be substituted by a grid dump point on the lines surrounding

the reservoir and another

supply point near the desalination plant.

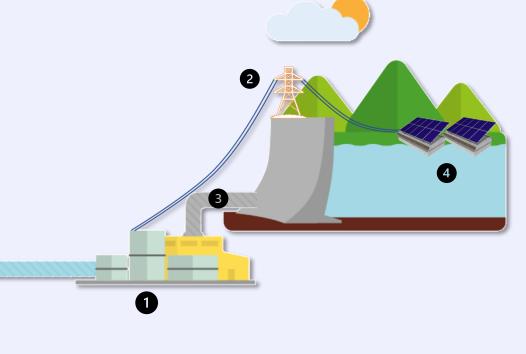
3 Pumping network

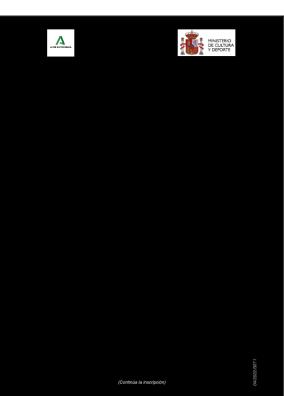
In order to transport the desalinated water to the storage site, a series of pumping stations interconnected by pipelines are installed to pump it progressively.

4 Floating photovoltaic plant

Thanks to their floating installations on the surface of the reservoirs, these plants make it possible to locate the photovoltaic panels needed to supply the energy for the whole complex,

Their scalability allows them to be scaled up or down depending on demand, by means of simple installation and assembly procedures.

























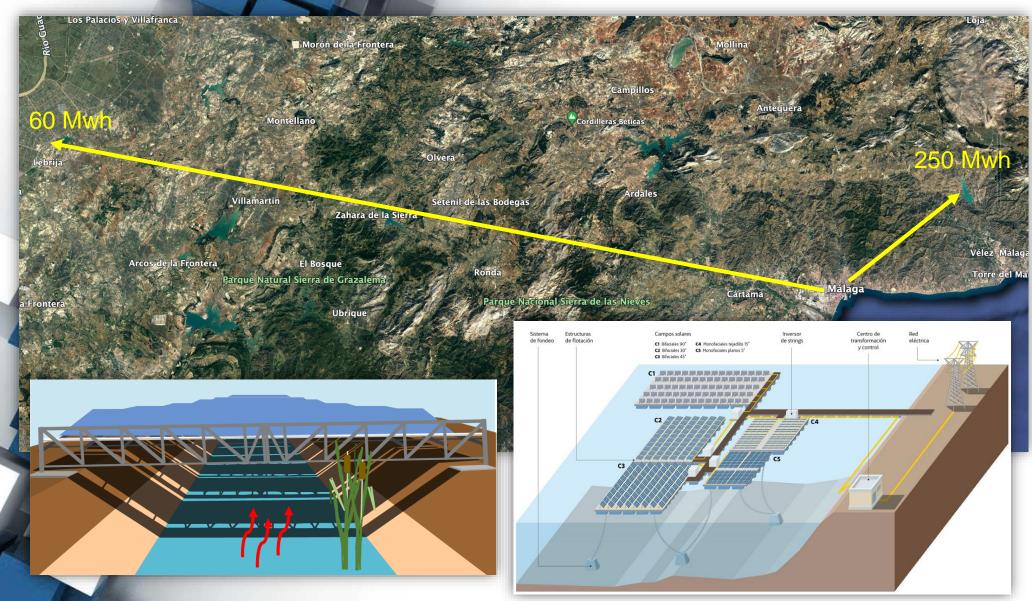






Transfer of knowledge

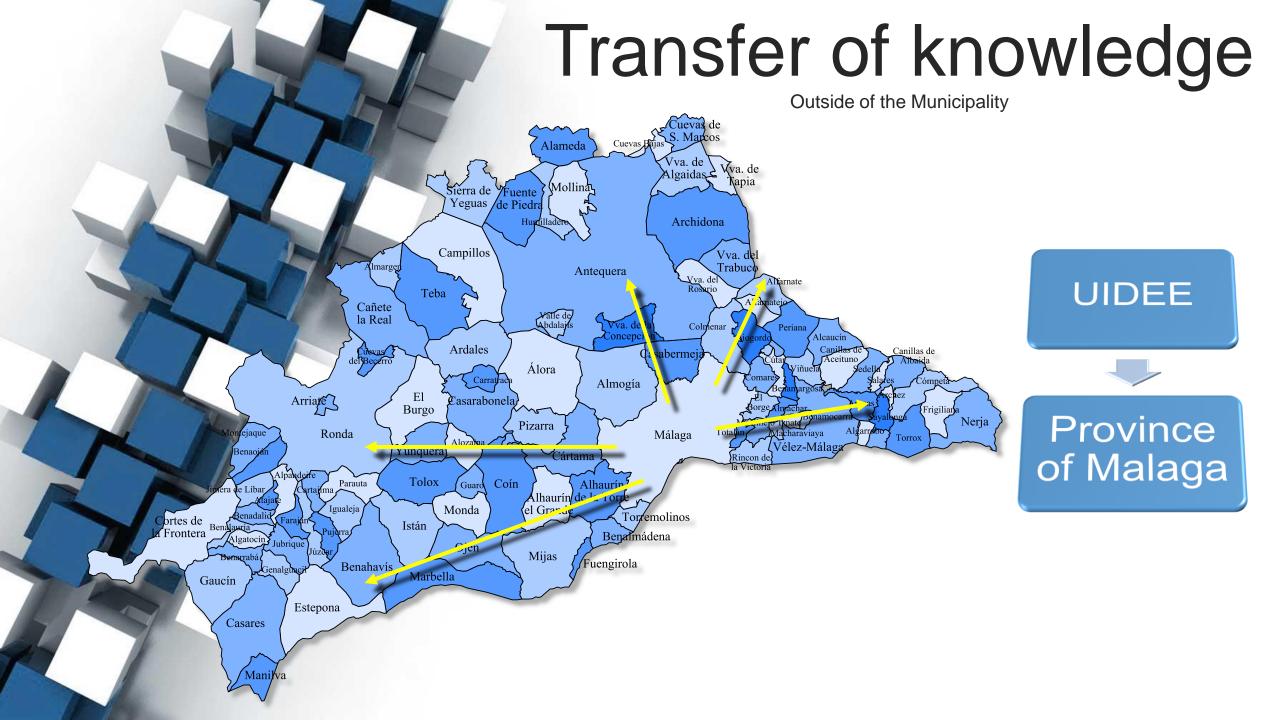
Outside of the Area



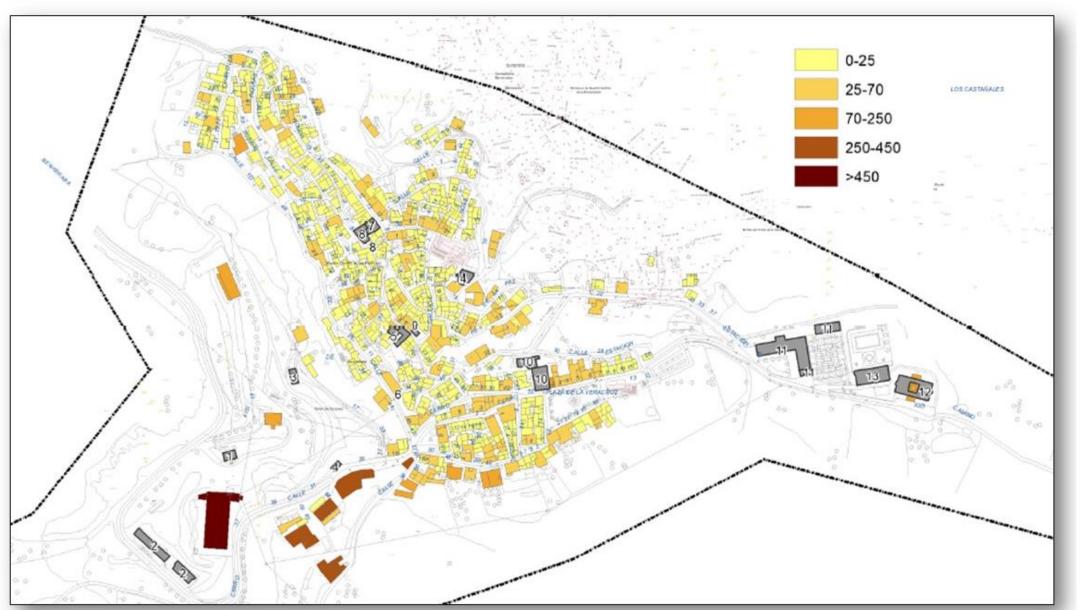




Analysis: 04 Municipal self-consumption



Provincial Council project



Analysis of photovoltaic power generation capacity for municipalities with less than 20,000 residents.

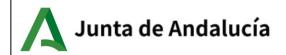
TOTAL: 88
(over 103)
municipalities
in the
province of
Malaga.



Analysis: 05 Monitoring Educational Centers



Andalusian renewable energy plan





Educación

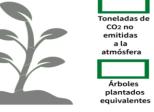
El plan de bioclimatización y energías renovables en marcha llegará este verano a 430 centros escolares

La Agencia Pública Andaluza de Educación está llevando a cabo 134 obras de instalación de refrigeración adiabática y energía solar fotovoltaica en centros educativos públicos



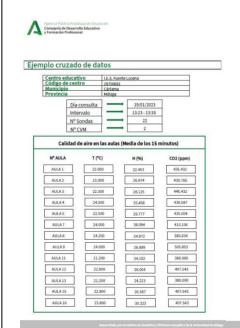


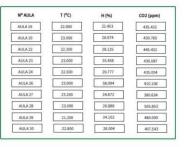


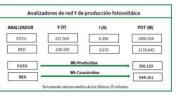


Monitoring agreements

Current: **430 Schools and Institutes**Global: **5.400 Educational Centers**

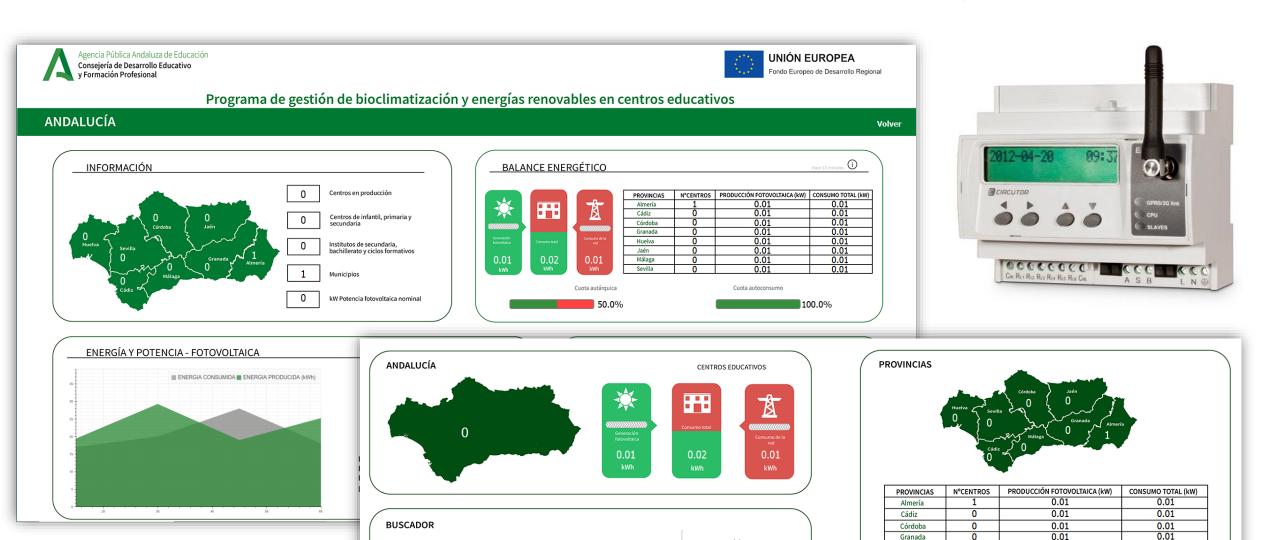








Andalusian Education Project



Buscar por centro

Almería

Centro IES Villa de Níjar Níjar

Código

Buscar por código

0.01

0.01

0.01

0.01

Jaén

Málaga

Sevilla

0.01

0.01

0.01

0.01



Analysis: 06 Social Living Lab

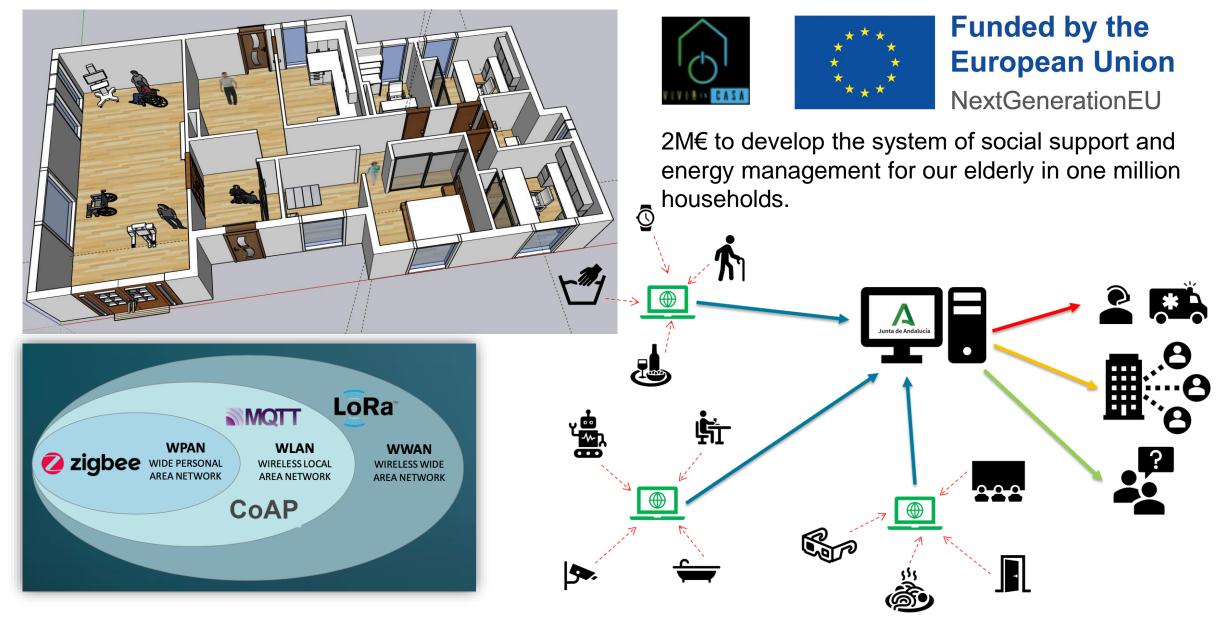
Transfer of knowledge

Outside of the Country

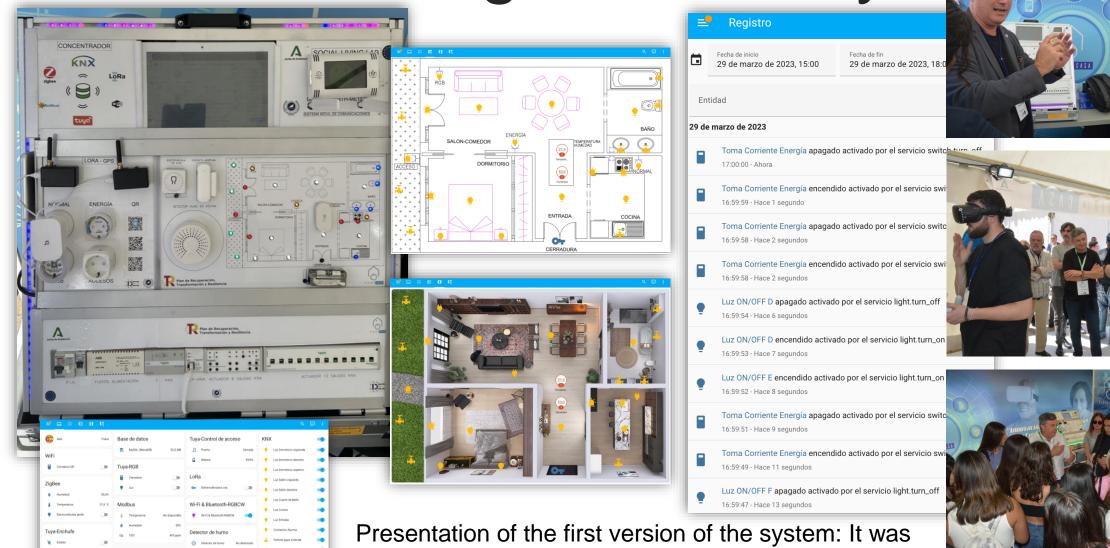




Social Living Lab



Social Living Lab: Today



Presentation of the first version of the system: It was visited and interacted with by more than 4,000 people at the TecnoSocial 2023 exhibition (29-30 March).

RIDEE

Iberoamerican Network of Domotic & Energy Efficiency





News

El plan 'Más cerca': la tecnología al servicio d mayores

La UMA, junto a la Junta de Andalucía, ha desarrollado un proyecto con el que pretende ayudar, a través de herramientas tecnológicas, a las personas de la tercera edad que se encuentren en situación de vulnerabilidad



gasto diurno de electricidad

Por Pablo D. Almoguera. Málaga 20/03/2022 - 05:00

Isabel R. Vallejo

Lunes, 6 de febrero 2023



Benarrabá, el primer pueblo autosuficiente de España en materia energética La Diputación de Málaga impulsa una iniciativa de la Unión Europea para que la localidad de la Serranía de Ronda pueda producir su propia electricidad



'Agua+S', la solución sostenible ideada por investigadores de la UMA para acabar con la sequía



Permitirá obtener agua desalada del mar a partir de energía renovable generada desde plantas fotovoltaicas instaladas en embalses

Fecha publicación: 09/03/2022 Categoría: Investigación, portada







Universidad de Córdoba

Red Iberoamericana de Domótica y Eficiencia Energética- RIDEE.



Agua Hostenible

Esta Red Iberoamericana nacida el 30 de abril próximo pasado, está integrada por 8 países: Ecuador, México, Colombia, Perú, Chile, Uruguay, España y Argentina.



Recreación de cómo serán instaladas la (Ayuntamiento de Málaga)





Institute of Domotic & Energy Efficiency

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Interreg Europe

