

Integrated Demand REsponse SOlution Towards Energy POsitive Neighbourhoods

WP 7 – Dissemination and Communication of Results

D7.2 Project Website

The RESPOND Consortium 2017



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v0.3	23/03/2018	Definitive version split among the partners

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1. INTRODUCTION

The website report (Deliverable 7.2) is included in Work Package 7 – Dissemination and exploitation of results. The objective of this WP is to disseminate and promote the knowledge, technical solutions and results achieved during the project.

All European projects create a website to explain their aims and objectives, and to disseminate information about project activities and results. It is one of the main communication tools that are going to be used to communicate the project's progress and results to the relevant stakeholders and parties interested in the RESPOND solution.

For this reason, a website has been developed for Project RESPOND to serve as the main platform for dissemination and communication for interested stakeholders (www.project-respond.eu)

The project website was designed with the following objectives in mind:

- To **present** RESPOND to the world and provide a means of contact for interested stakeholders
- To **share** project objectives and describe each of the pilot demonstration sites
- To provide **updates** on project progress, events, articles and final results

This report describes the project activity carried out by DEXMA SENSORS SL in order to complete Task 7.2 of the RESPOND project. The deliverable for Task 7.2 is the project website rather than a formal document. The purpose of this document is to provide an overview of project activities according to this task and of the website itself, which will be continuously updated as the project progresses.

2. TECHNICAL OVERVIEW

2.1 DESIGN AND REGISTRATION DATA

The RESPOND project website was created during M2-4 of the project and was launched under the domain <http://project-respond.eu> on 30.01.2018. The expire date is 26 oct 2018 because it cannot be done longer, it will be renew each year for the project and commercialization phase. The website layout has been designed by a professional web designer with a view to providing an easy, user-friendly navigation experience on any device (from desktop to mobile). The website is compliant with general accessibility and usability guidelines. WHOIS domain information is available on <http://eurid.eu> and is summarised below:

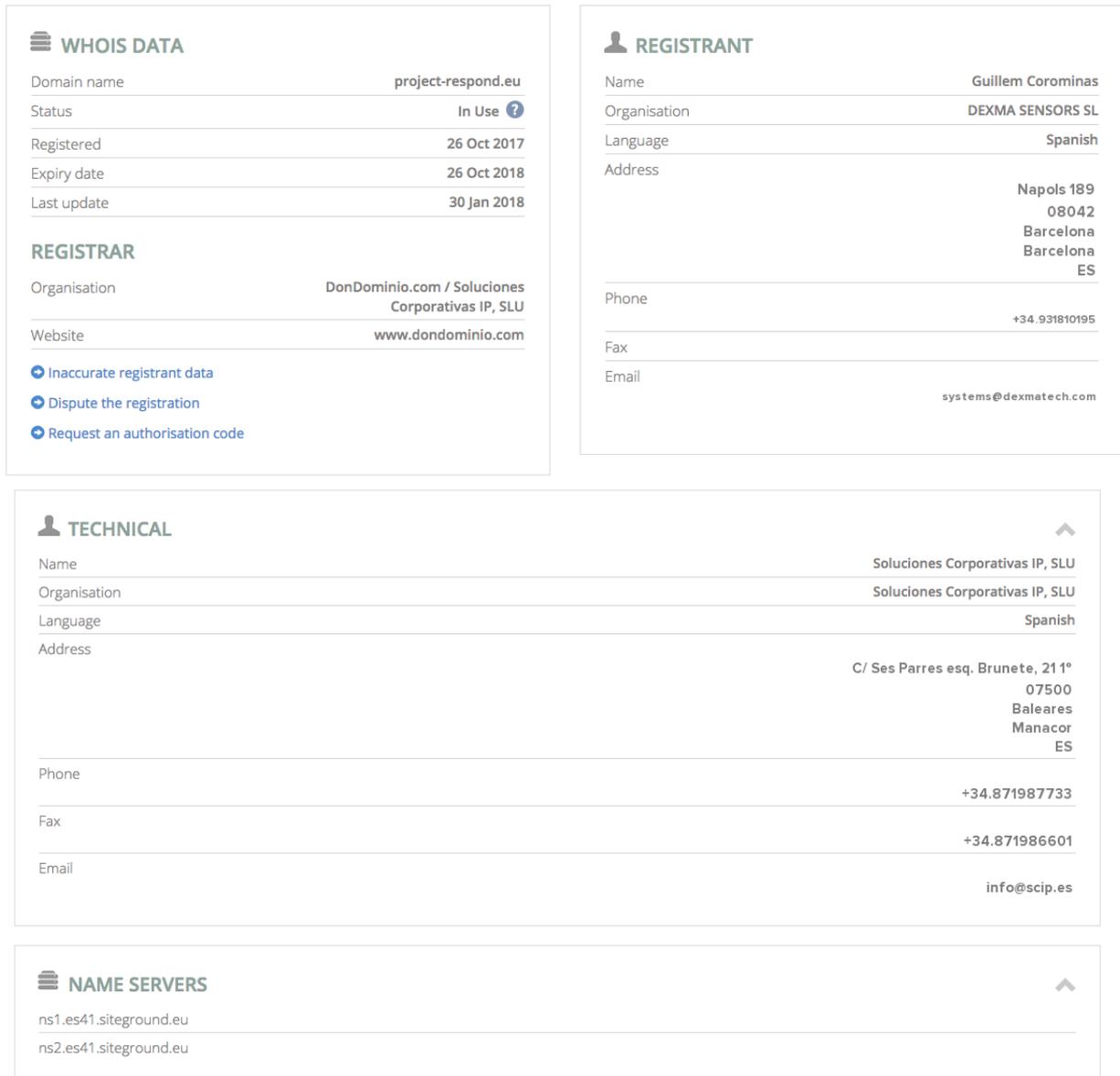


Figure 1 - Domain Registration Information

3. MAIN PAGES

In addition to the project logo, six main navigation menu items compose RESPOND’s website: Home, About, Partners, Pilots, News and Contact. On the future a page for download deliverables and dissemination materials will be taken into consideration.

3.1 HOME PAGE

The homepage provides an introduction to the concept of demand response as well as links to access further detailed information on:

- The project details
- The consortium, including a description of each project partner
- Project updates, including news, events and meetings

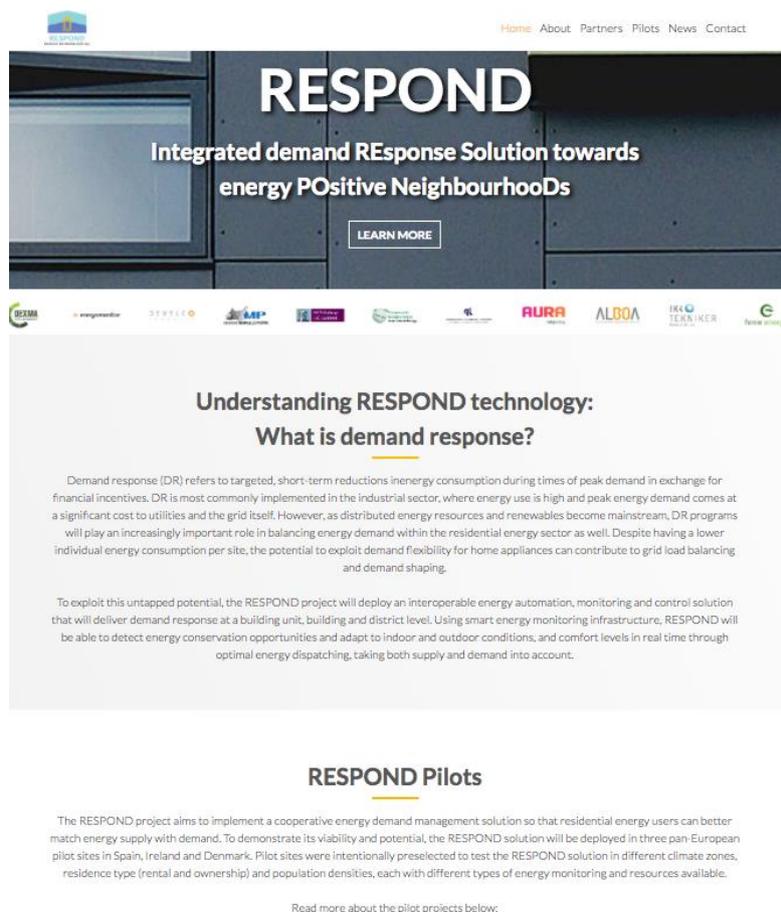


Figure 2 - Home Page

3.2 ABOUT PAGE

The project overview (about) page provides a more detailed summary of Project RESPOND and its main objectives, as well as an overview of the main project facts (Quick Facts)



About

Integration of Demand Response in Energy Management Systems while ensuring interoperability

RESPOND will deploy and demonstrate an interoperable, cost effective and user-centered demand response solution. The solution will use energy automation, control and monitoring tools to integrate a cooperative demand response program into legacy energy management systems.

To this end, RESPOND will use an integrated approach to optimise energy dispatching in real time, taking account both energy demand and supply while exploiting all available energy assets at each site.

The RESPOND solution will be flexible, scalable and capable of delivering cooperative demand response at the building unit, building and district levels.

In order to provide seamless integration all DR-enabling elements and to ensure high replication potential, RESPOND will use open standards for interoperability with smart home devices and automation systems, smart grid connectivity integration potential with third party services.

Underpinned by smart energy monitoring infrastructure, RESPOND will be able to perform reliable energy data analytics and forecasting in order to detect energy conservation opportunities. The solution will also adapt to different operational environments (indoor and outdoor conditions, comfort levels) in real time.

Through interactions with end users in three different pilots, RESPOND will raise awareness by delivering data-driven recommendations for energy demand reduction and influence end user behaviour to make users an active part of the DR loop. In order to demonstrate high replication potential, RESPOND will be deployed in different types of residential buildings situated in different climate zones and population densities, each with different types of energy monitoring and resources available.

QUICK FACTS

Project Number: 768619	Project Acronym: RESPOND	Project title: Integrated Demand REsponse Solution towards energy POSitive Neighbourhoods	Duration: From 2017-10-01 to 2020-12-31
Number of Countries: 5 (Czech Republic, Denmark, Ireland, Spain, Costa)	Number of partners: 11	Requested EU contribution: EUR 3,044,709.75	

Figure 3 - About Page

3.3 PROJECT PARTNERS PAGE

This page features a short description of the RESPOND consortium partners, as well as a map showing their location in Europe. Each description includes:

- Company logo
- Links to the partner's website
- A short introductory text that appears when each logo is clicked

THE RESPOND CONSORTIUM



ALL PARTNERS CZECH REPUBLIC DENMARK IRELAND SERBIA SPAIN

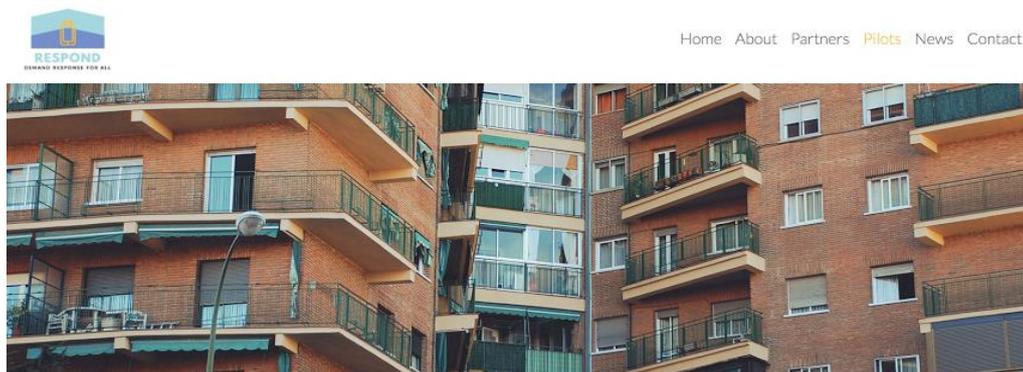
click partner for more info

 <p>DEXMA Spain</p>	 <p>Energomonitor SRO Czech Republic</p>	 <p>Develco Products AS Denmark</p>
 <p>Institut Mihajlo Pupin Serbia</p>	 <p>National University of Ireland Galway Ireland</p>	 <p>Comharchumann Fuinnimh Oileain Arann Teoranta Ireland</p>
 <p>SBi at Aalborg University (AAU) Denmark</p>	 <p>AURA Rådgivning AS Denmark</p>	 <p>ALBOA Denmark</p>
 <p>IK4-TEKNIKER Spain</p>	 <p>FenieEnergia Spain</p>	

Figure 4 - Project Partners Page

3.4 PILOTS PAGE

This page provides a short description of the 3 RESPOND project pilots in Spain, Denmark and Ireland. Each demonstrator has different features with its own specific characteristics. With a similar graphical representation, the different features of each demonstrator can be checked.



RESPOND Pilots

The RESPOND project aims to implement a cooperative energy demand management solution so that residential energy users can better match energy supply with demand. To demonstrate its viability and potential, the RESPOND solution will be deployed in three pan-European pilot sites in Spain, Ireland and Denmark. Pilot sites were intentionally preselected to test the RESPOND solution in different climate zones, residence type (rental and ownership) and population densities, each with different types of energy monitoring and resources available.

Read more about the pilot projects below:



Private apartment buildings in Madrid

Spanish utility Fenie Energia will conduct a pilot demonstration project in a community of 3 private apartment buildings with 24 dwellings. Fenie Energia is the electricity and gas provider of the pilot site, with access to data collected by the network operator. There is no self-generation installation or monitoring system for household devices, apart from fiscal meters for electricity and gas. RESPOND will be deployed to receive consumption inputs, perform optimisation and take control actions on the devices, as well as install smart meters and home automation devices provided by consortium members.



Social housing community in Aarhus

This pilot consists of a public housing district with 30 residential buildings, 4 of which have been selected for the RESPOND demonstration pilot. Although the estate is equipped with solar panels, there is no demand response program deployed, so part of the RESPOND demonstration project would be to deploy a program reflecting DR possibilities. The pilot dwellings will also be equipped with home automation solutions in order to give full control to the RESPOND system. The RESPOND platform will also aim to integrate the metering points, including smart meters, for optimal data monitoring, analysis and control.



24 dwellings on the Aran Islands

Located 10 nautical miles west of Galway, these 3 islands comprise a total population of 1,225 inhabitants. There are 448 total dwellings, 24 of which have been selected for the RESPOND demonstration project. The islanders used to rely on imported fossil fuels for gas and heating, but have since switched to electrical heating with heat pumps, PV and solar-thermal arrays. Smart metering exists in the form of temperature sensors and power meters, while a number of heating devices can be controlled wirelessly. The RESPOND project will aim to deploy additional home automation and smart metering devices for the purposes of the pilot demonstration.

Figure 5 - Pilots Page

3.5 PROJECT NEWS PAGE

The project news page functions as a blog, with a tone adapted for a more general audience, avoiding institutional or scientific jargon. SEO (search engine optimisation) and SEM (search engine marketing) strategies will be applied to each post so the website is easily reachable by users who search for relevant content. It will also include news stories that will be produced during the course of the project (further information in Deliverable 7.1) as well as information about the events where the RESPOND partners will participate.



LATEST NEWS



RESPOND in the News: Energy Supply

Project RESPOND has been featured in an article by Energy Supply. Energy Supply DK is a part of Nordic Media A/S, an online media that covers the energy sector, which is one of Denmark's largest industries and at... [Read More >](#)



RESPOND in the News: EnergiWatch

Project RESPOND has been featured in an article by EnergiWatch, a Danish media outlet that delivers independent journalism about the energy and utilities industry. The article (in Danish) is available here.

Recent Posts

- [RESPOND in the News: Energy Supply](#)
- [RESPOND in the News: EnergiWatch](#)
- [Meet the RESPOND Pilot Sites: Aarhus](#)
- [Demand Response Market Snapshot: US vs. Europe](#)
- [Demand-Side Management vs. Demand Response](#)



Meet the RESPOND Pilot Sites: Aarhus

The Aarhus pilot site consists of 20 terraced houses that belong to the Danish housing association ALBOA, the second largest housing association in the city. ALBOA manages approximately 7,000 homes for families, the elderly, disabled and young people. They also rent... [Read More >](#)

Archives

- [February 2018 \(3\)](#)
- [January 2018 \(3\)](#)

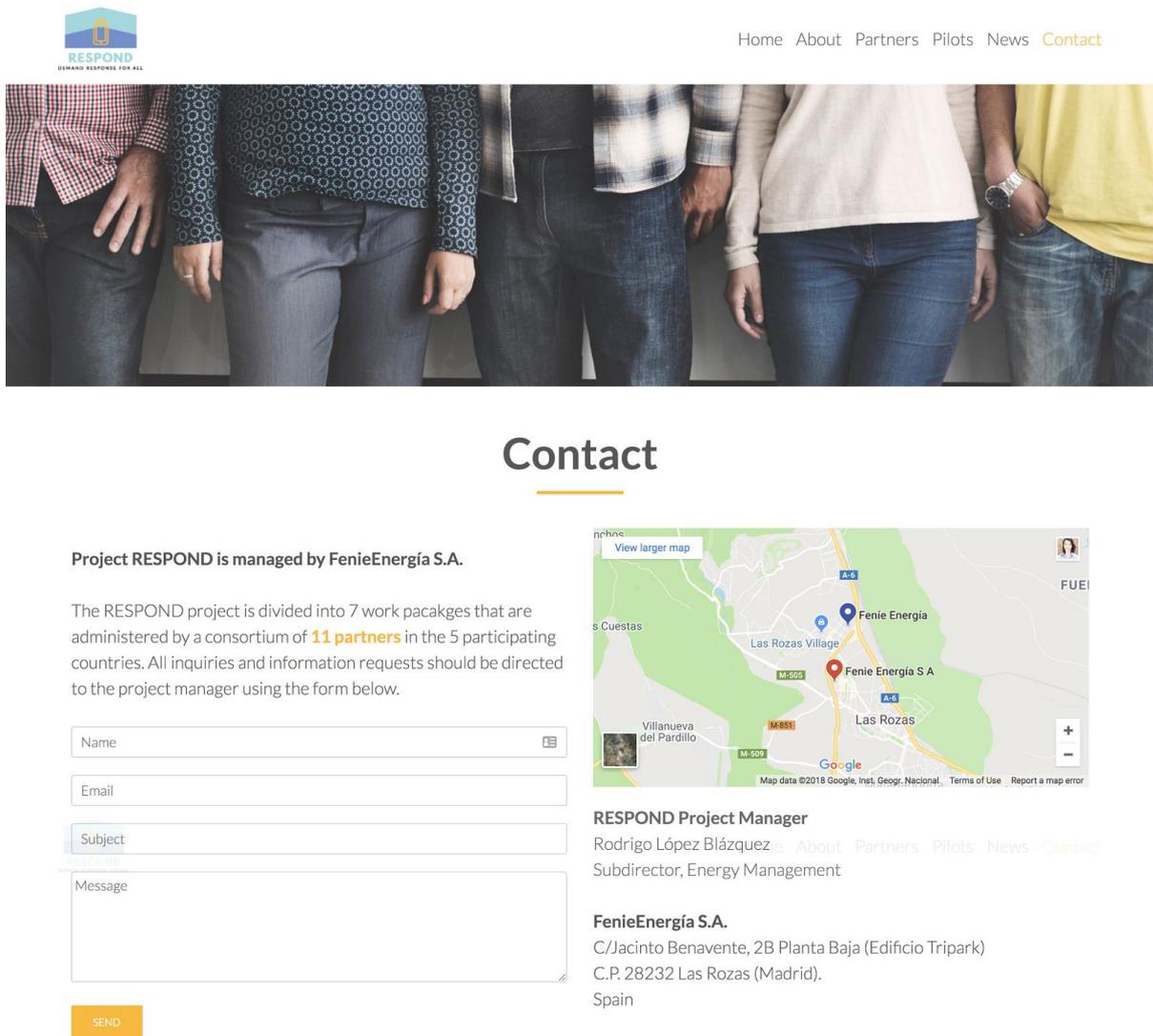
Figure 6 - Project News Page

TENTATIVE Publication Date	Proposed Blog Post Topic	Responsible Partner
February 5	Project Kick off (Press Release)	DEXMA
February 15	Meet the Pilot Sites: Aarhus	AURA
March 15	Understanding Demand Response	TEK
April 12	What is interoperability?	IMP
May 16	Meet the Pilot Sites: Aran Islands	NUIG
June 13	The Power of Neighbourhoods in DR	AAU
July 11	Infographic: What does a DR-enabled smart home look like?	DEV
August 15	Demand Response: EU Policy Perspectives	FEN
September 12	Project RESPOND at EUW2018	DEXMA
October 10	Meet the Pilot Sites: Madrid	FEN
November 14	The Role of DR in Smart Cities	TEK
December 13	Project Update: Project RESPOND Looks Back on 2018	DEXMA

Table 1 - Tentative proposal of Content (Deliverable 7.1)

3.6 CONTACT PAGE

As project coordinator, Fenie Energía SA is listed as the main contact of the RESPOND project. Their office location and form linked to the inbox of the official project e-mail address is provided. This form facilitates the ability of the Project Coordinator to get an overview of the received messages and forward them to the corresponding work package leader.



Home About Partners Pilots News **Contact**

Contact

Project RESPOND is managed by FenieEnergía S.A.

The RESPOND project is divided into 7 work packages that are administered by a consortium of **11 partners** in the 5 participating countries. All inquiries and information requests should be directed to the project manager using the form below.

Name

Email

Subject

Message

SEND

RESPOND Project Manager
Rodrigo López Blázquez - About Partners Pilots News **Contact**
Subdirector, Energy Management

FenieEnergía S.A.
C/Jacinto Benavente, 2B Planta Baja (Edificio Tripark)
C.P. 28232 Las Rozas (Madrid).
Spain

Figure 7 - Contact Page

4. CONCLUSIONS

Although the first phase of the website has been launched in January 2018, this is not a static process.

Further information regarding the pilot sites will be added, together with more detailed information about the partners.

Monthly content for the general public will be added to the Project News section together with some videos that will be created as the project progresses. Each month a partner will be responsible of writing a blog article so the content will be updated, distributing the responsibility among all the partners.

All the actions developed throughout the website will be integrated with the communication strategy that will be described in the dissemination and exploitation plan (Task 7.1)