CAREGIVERSPRO
MMD

CAREGIVERSPRO-MMD: A research trial looking at a website to support people with memory problems and their caregivers

This project has received funding from European Union's Horizon 2020 research and innovation programme under grant agreement No 690211

Project identity card

Consortium

- UNIVERSITAT POLITÈCNICA DE CATALUNYA BARCELONATECH
- Mobiles Dynamics
- University of Hull
- Q-PLAN INTERNATIONAL
- COOSS / Ricerca e formazione
- FUB
- UNIVERSITAT A MANRESA
- CHU Hôpitaux de Rouen
- CERTH CENTRE FOR RESEARCH & TECHNOLOGY HELLAS

- **H2020 Project (H2020-PHC-2015-25)**
- **Grant Agreement: 690211**
- **Research and Innovation action**
- **Start: January 1st, 2016**
- **Duration: 36 months**
- **EU Contribution: €4,087,198.75**
- **Target groups: People living with dementia, informal and professional caregivers, doctors, social workers**

The aim of the project is to create an **digital platform for people with Mild to Moderate Dementia (MMD) and their caregivers** that will provide value-added services based on social networks, tailored interventions, clinical strategies and gamification in order to improve quality of life, wellbeing and medication compliance of both of them.

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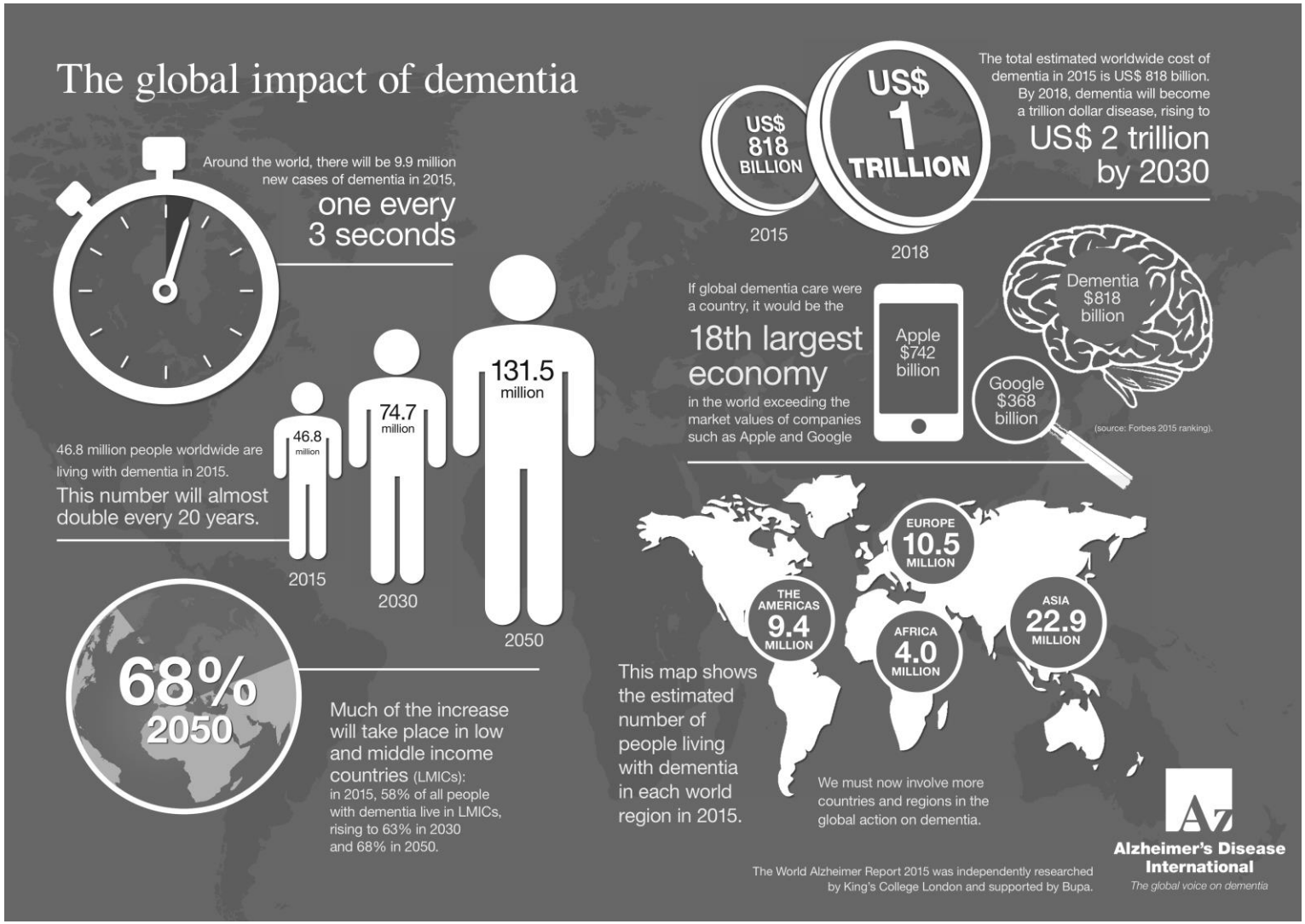
Project Background



Project Background

- There is **no medical solution** for AD and cognitive decline
- **Social interventions** have an important role.
- The informal caregiver adopts medical, assistive and social roles.
- Supporting the caregiver means **improving the independence and life conditions of the people with cognitive disabilities**.
- Private solutions are too expensive (professional caregivers) and public resources are not adequate.

Caregivers interventions are effective in keeping people with dementia at home longer and delay the nurse home admission.

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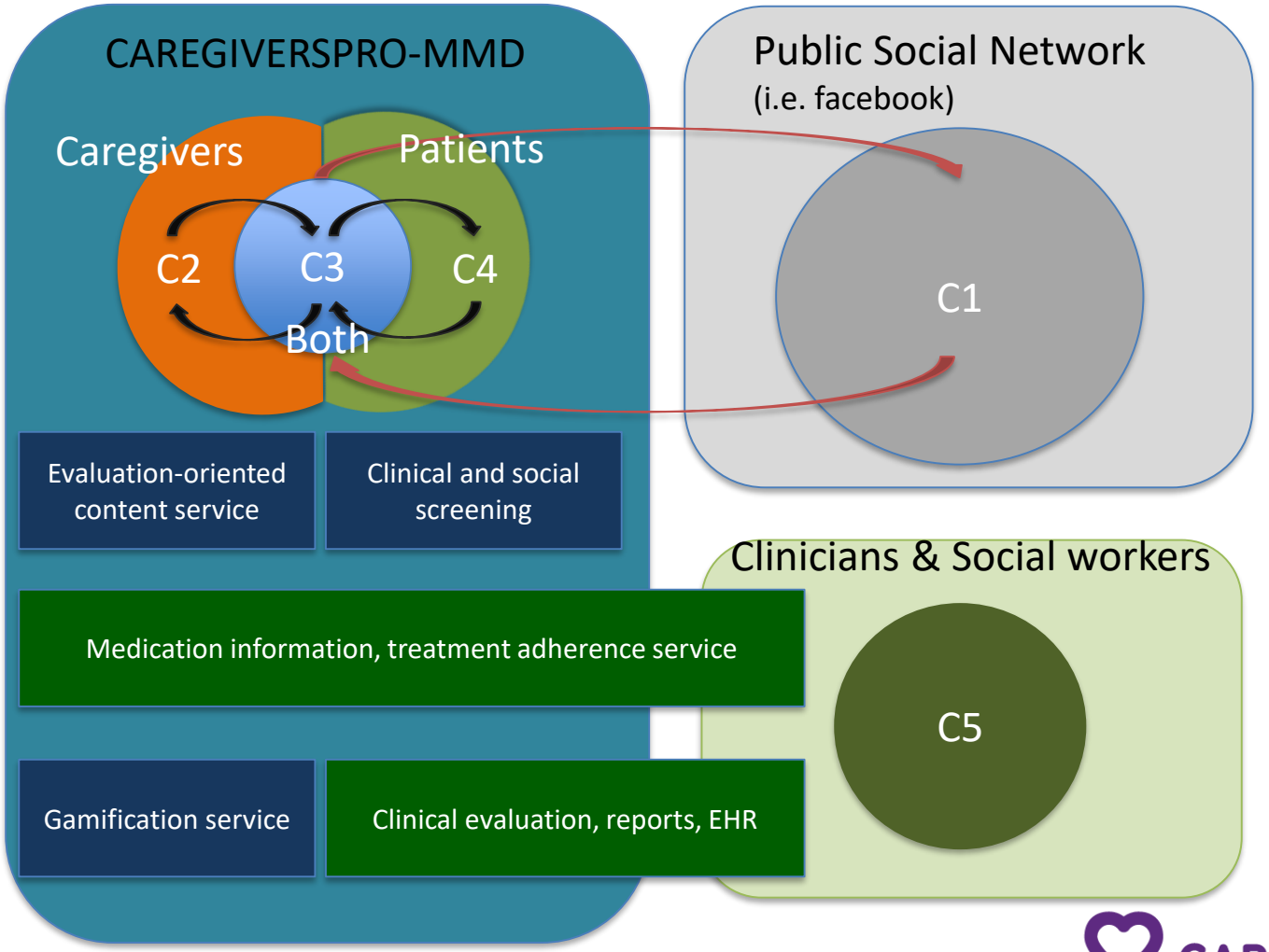
CAREGIVERSPRO-MMD Services



Project Goals

- **Adding new services** on an existing innovative caregiver support tool (***CAREGIVERSPRO***).
- Adapt ***CAREGIVERSPRO*** specifically for people with mild cognitive impairment or mild to moderate dementia through a **user-centric design;**
- Validate the ***CAREGIVERSPRO-MMD's*** benefits for users through large-scale **pilots (600 dyads)**;
- Assess the **financial savings** that ***CAREGIVERSPRO-MMD*** provides to a) Healthcare and social system; b) Family in charge of people with mild cognitive impairment or mild to moderate dementia.
- Prepare for sustainable **pan-European rollout** of the platform.

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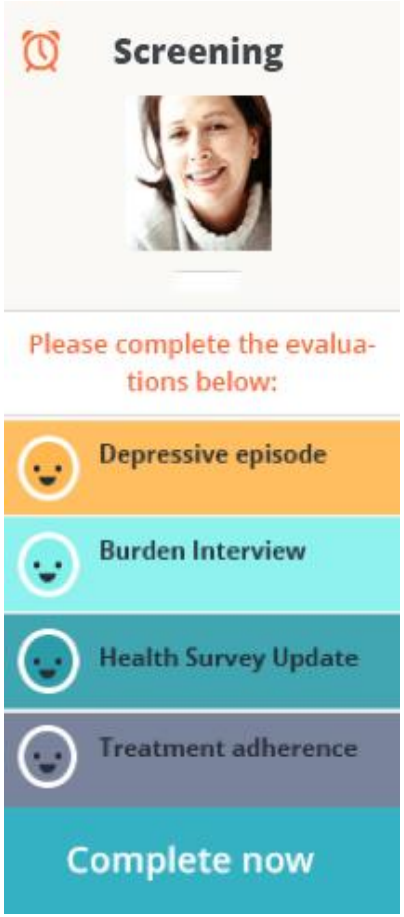
Our services

Platform services

- Social network
- Reminders for medication
- Localised information (support & events)
- Online questionnaires
- Educational Information
- Monitored by healthcare professionals
- Reward system



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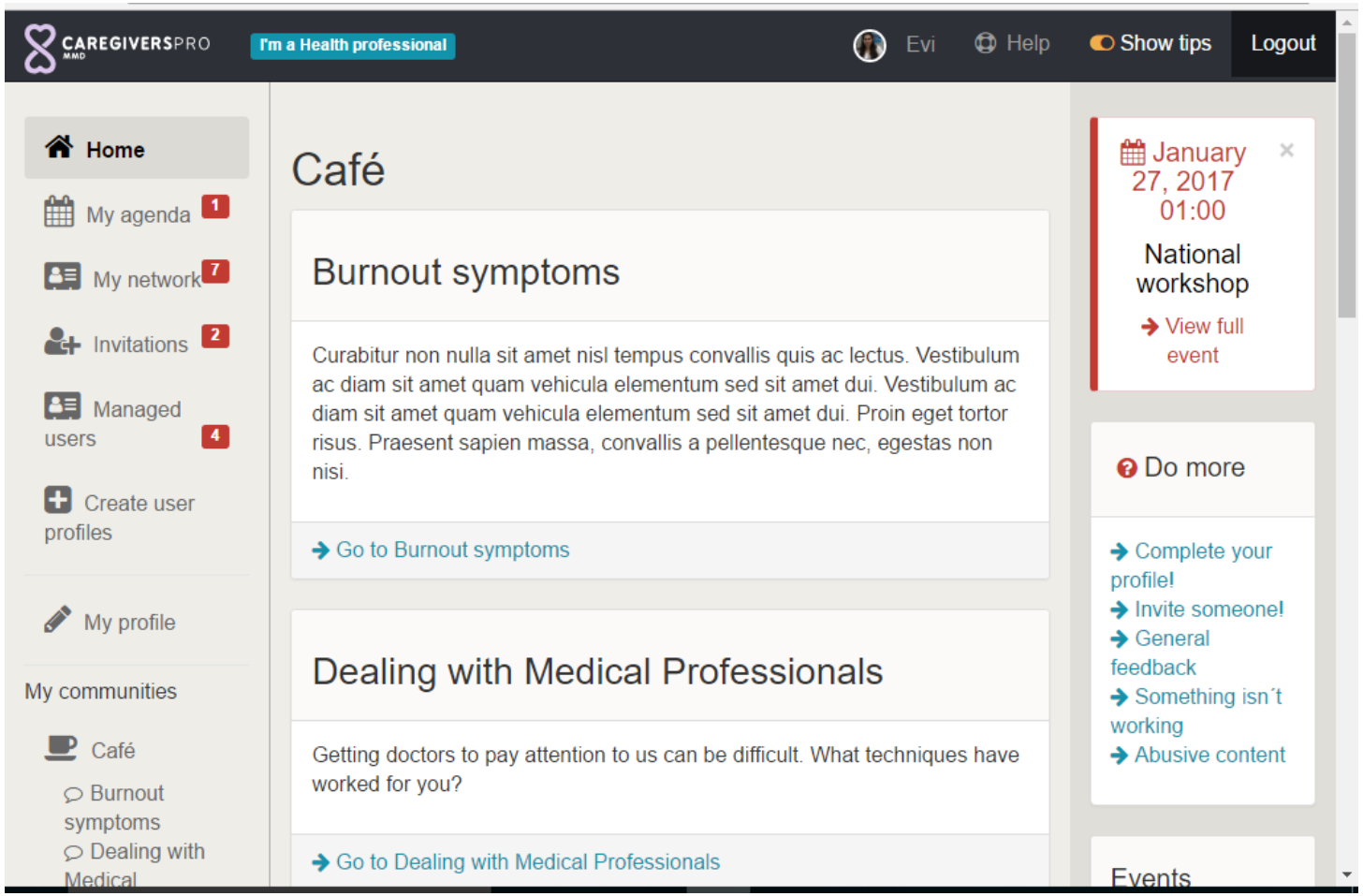
Social network



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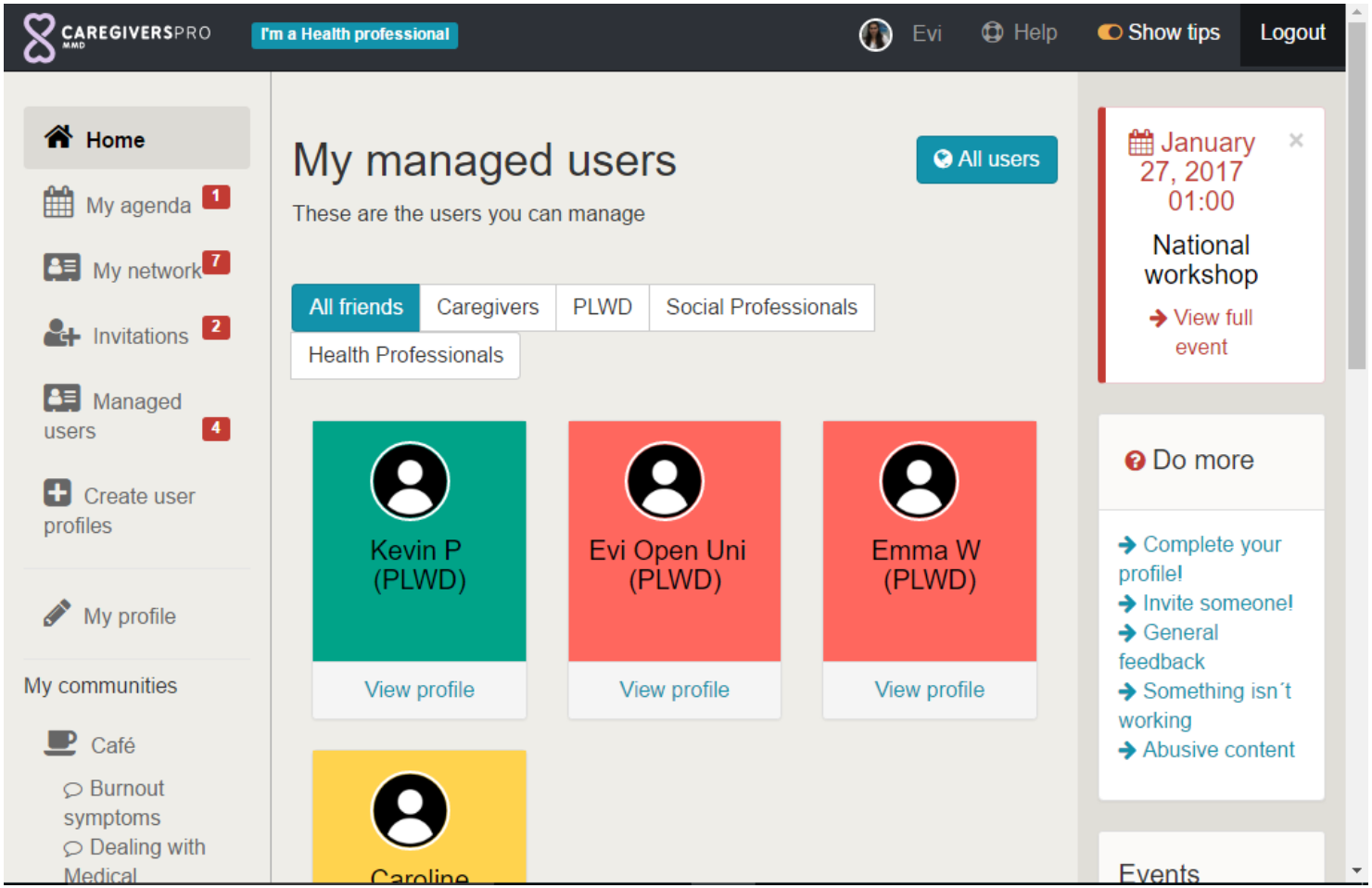
Monitored by healthcare professionals



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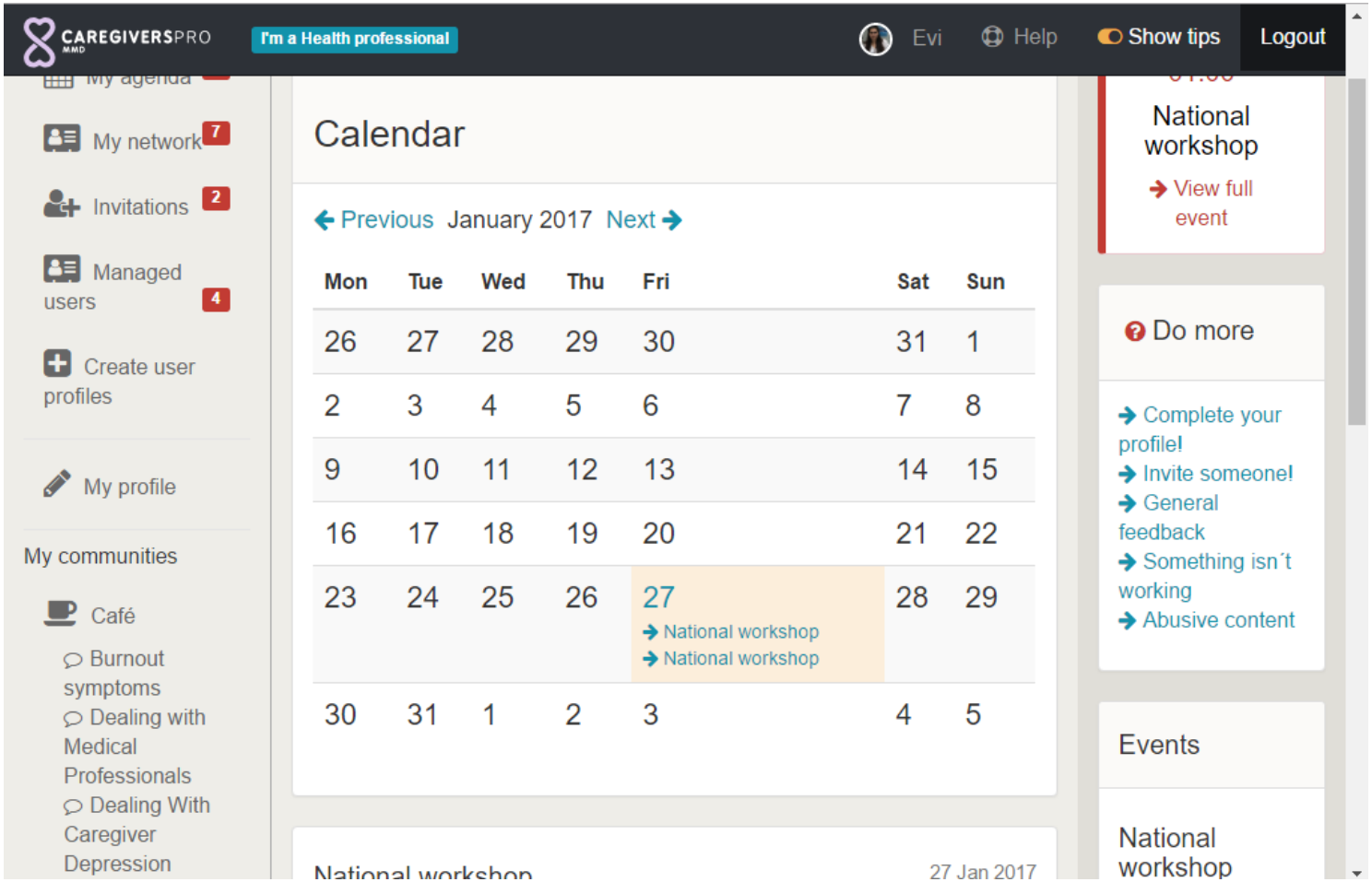
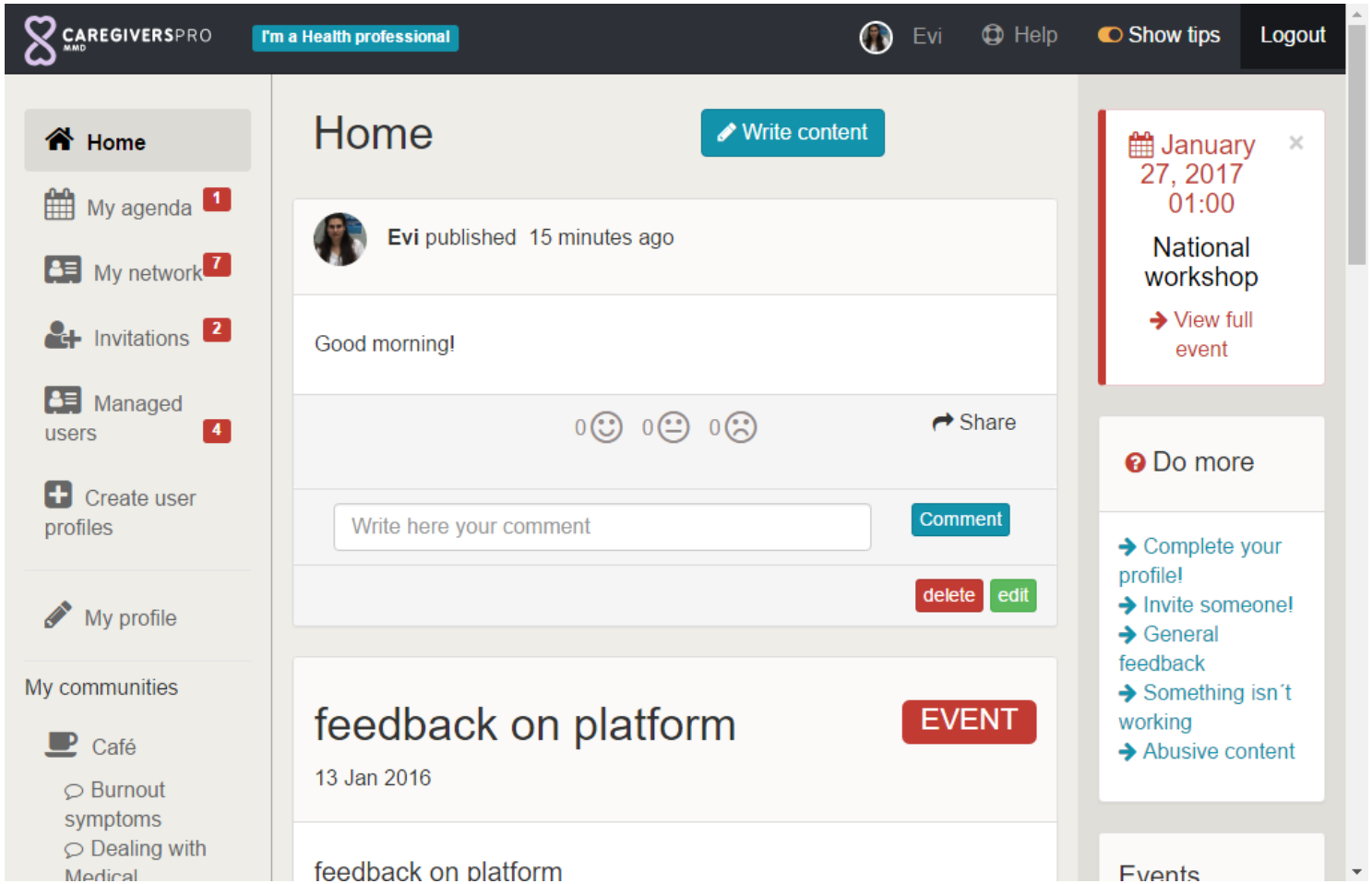
Appointments and events



Reward and gamification system



Methods

Participants

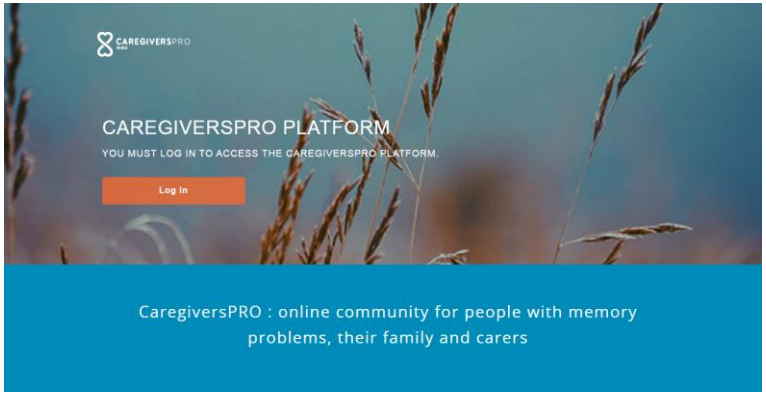
- 1200 individuals (600 pairs)

Country	Partner	Number of dyads
Spain	FUB	200
Italy	COOSS	200
United Kingdom	UoH	100
France	CHU	100

- People with memory problems
- 50 years old
- Informal caregiver

Procedure

- Tablet & website access (50%)
- Training
- 18 months – May 2017
- 6-month research visits



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Our goals

For people with memory problems

- Clinical and medical support
- Remembering medication
- Clinical appointments
- Monitoring from professionals
- Treatment adjustment

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Our goals

For people with memory problems

- Social support
- people with similar experiences
- healthcare and social professionals
- Local support
- Local resources
- Events

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Our goals

For caregivers

- Caregiving and social support
- people with similar experiences
- healthcare and social professionals
- Reduce caregiving time

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Our goals

For health and social care professionals

- Improve treatment plan
- Save time from administration activities

For healthcare system

- Reduce or delay hospitalisation or admission to care homes

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Thank you!

Any questions?

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Roundtable discussions

- Can digital technology help people with memory problems and carers to lead more positive lives? Examples?
- How can we engage people and get them use technology-based tools?
- What could be the barriers for engaging people?
- How can we motivate people to use technology in dementia care?
- Are there ways to embody technology in care plans?