

Challenge sheet

EVE

How could **the arrangement of inspection appointments and/or the route design be optimised to maximised the number of inspections conducted, while minimising the in-house management and implementation time?**

Sub-challenges:

- How could the arrangement of appointments and route design be optimised?
- How could the completion of inspection reports in real time be facilitated?
- How could indicators to assess and control the inspection process be obtained?
- How could a series of *verifiable* cases be selected? We refer to those cases that meet the conditions for the technician to conduct the visual inspection.

Background:

The Basque Energy Board (EVE) awards grants to different projects in the energy sector (solar panels, charging points...); in-the-field checks for a set of previously selected cases need to be conducted within the process to manage that funding.

Inspectors are currently required to perform a tedious search within each case to find the contact details and arrange each day's appointments as they think best, while also taking into account their distribution throughout the territory. Furthermore, the aim is to improve the deployment of inspections, which is hindered by the forms not being properly completed by the beneficiaries, and by the lack of compatibility between the schedules of the technician and beneficiary.

Goals:

We are seeking solutions that comply with at least one of these goals, namely to

- Obtain the highest number of inspections possible by optimising the routes.
- Minimise the time it takes to arrange the appointments.

Additionally, the solution add value to the establishing of the indicators to assess and control the inspection process.

What are we looking for?

The following aspects will be considered:

- Whether the solution is integrated with existing own management tools. The solution must come into play when arranging and planning the appointments, by integrating with the existing management tools.

- Whether it allows information to be recorded in real time, as reports.
- Whether it is *responsive* and intuitive for the inspectors and grant beneficiaries.
- Whether it can be configured by the inspectors.

Process and key dates:

Register using this link to take part in the challenge. [still pending].

- The deadline to receive the response to the proposal is: 23:59 hours on 02/05/2024
- The semi-finalist startups will be notified on 10/05/2024.
- The finalist startups will be notified on 24/05/2024.
- The winning startup will be notified on 13/06/2024.

The selection process consists of 3 phases:

1. **Phase 1:** semi-finalists' pitches with society. Three startups will be shortlisted as finalists. They will take place from 16 to 24 May 2024.
2. **Phase 2:** round of finalists' interviews with the company. They will take place in the week starting 27 May 2024.
3. **Phase 3:** final meeting with finalists to select the winning startup for the pilot scheme with the company. It will be held between 11 and 12 June 2024, during the acceleration programme.

What are the rewards?

Finalist startups (3)

- **2-day govtech** acceleration programme. It will be held in-person in Bilbao on 11 and 12 June.

Winning startup

- **Presentation of the solution at the 2024 BIND GovTech Demo Day**, in-person in Bilbao.
- **Remunerated pilot** up to a maximum of €15,000. The pilot to implement the winning solution will begin in July 2024 and will last 5 months.