

CERN GREEN VILLAGE

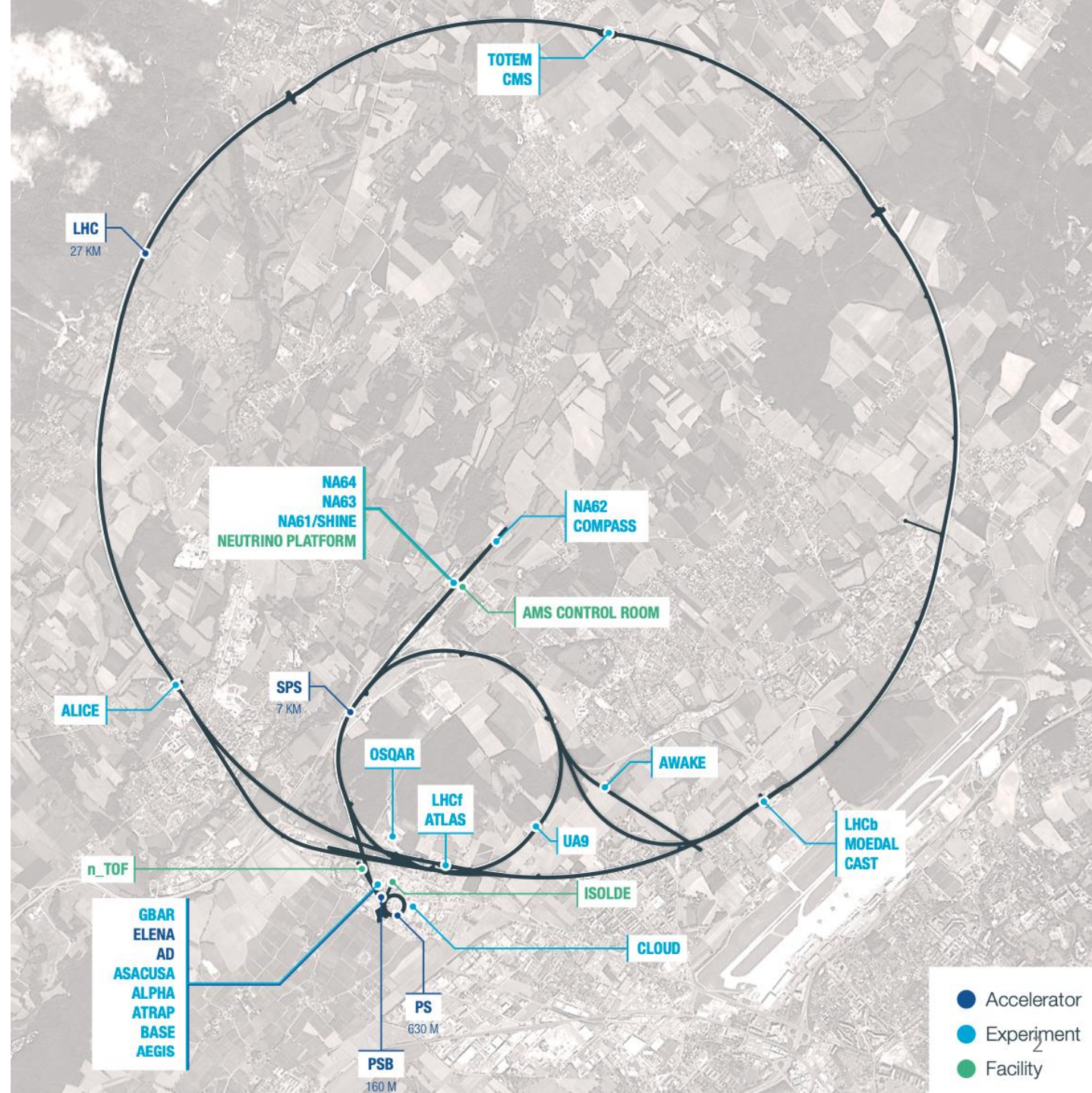
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IdeaSquare Open Days 2023

CERN

- 23 Member States
- 2500 employees
- 12'500 scientists (110 nationalities) using the Laboratory's facilities
- 35 Non-Member States with Co-operation agreements with CERN
- 1200 MCHF annual budget



THE INITIATIVE

The Green Village is a visionary initiative linking **CERN's environmental roadmap** with **industrial solutions for sustainability** and the **talent of young innovators**.



ENVIRONMENTAL ROADMAP

TARGETS 2025:

- **GHG Emissions** -> Reduction by 28%
- **Energy Consumption** -> Limit raise by 5%
- Increase the **recycling rate** and reduce waste production.



SUSTAINABLE SOLUTIONS

Examples:

- Smart energy
- Green mobility
- Waste prevention and management



TALENT OF YOUNG INNOVATORS

IdeaSquare:

- +800 students yearly
- +90 projects yearly, driven by young innovators addressing **UN's Sustainable Development Goals**
- Collaboration with key NGOs

GREEN VILLAGE VALUE PROPOSITION

FROM SOCIETY TO CERN TO SOCIETY

- Enabling rapid access to CERN campus as a test site for solutions linked to environment and sustainability
- Accelerating the commercialization of ideas, technologies and prototypes
- Involving Young Innovators to find new ideas for unforeseen applications

CERN CAMPUS: THE PERFECT TESTBED

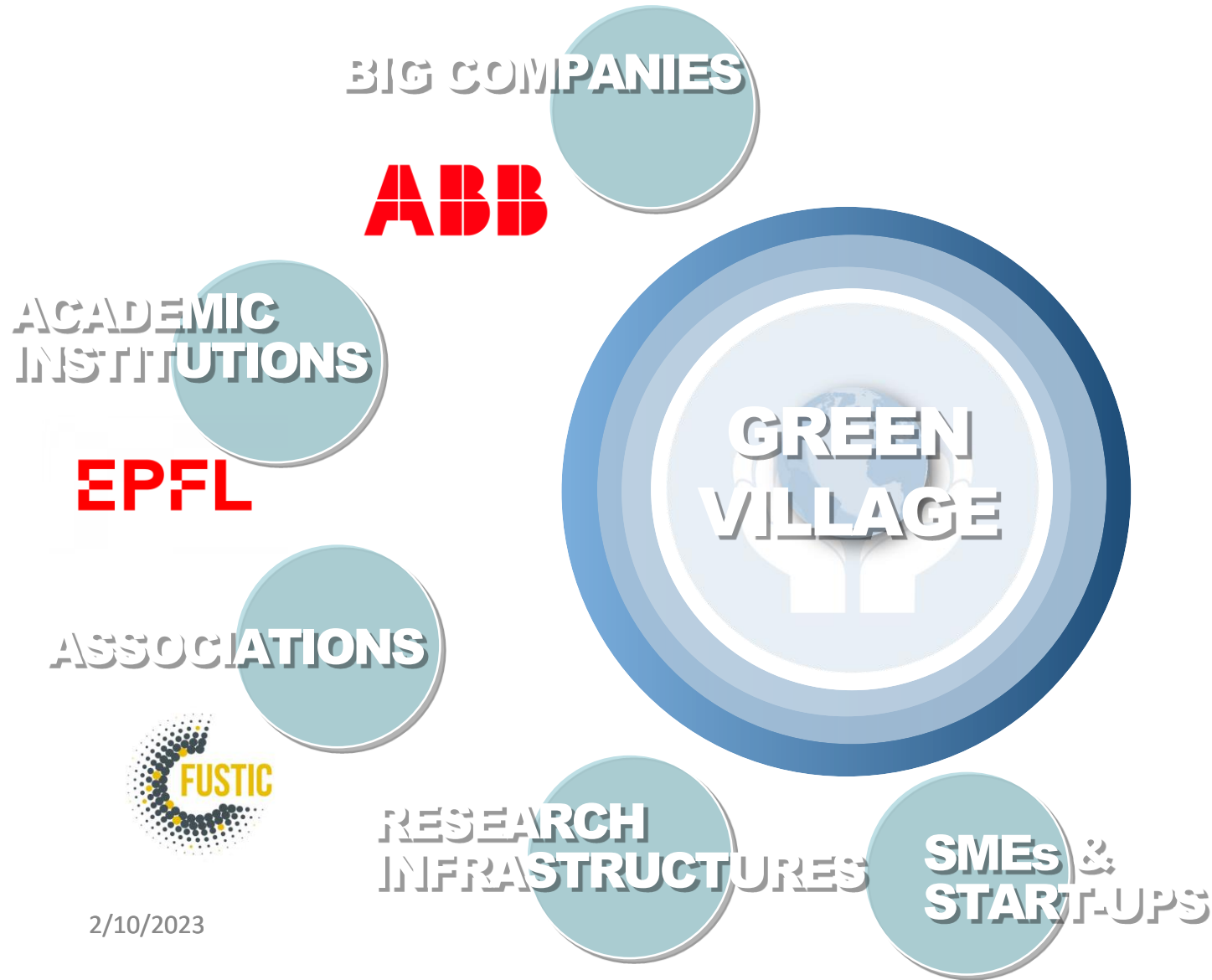
- 590 ha (220 fenced)
- 2 main sites and 15 satellite sites
- 670 buildings from 10 m² to 20.000 m²
- 65% built before the 70's
- 70 km tunnels and 80 caverns
- 30 km roads
- 1000 km technical galleries and trenches
- 9000 persons/daily
- 490 hostel rooms
- 8500 working places
- 4300 parking places in Meyrin, 1400 in Prévessin
- 25000 daily movements to- and inter-sites
- Public transport links in CH, not in FR
- 150000 visitors /yearly



WHAT WE ARE LOOKING FOR



WHO CAN APPLY



As a **FORWARD LOOKING INITIATIVE** GREEN VILLAGE is welcoming:

- Solutions in Development
- BUT NOT commercialized products

GREEN VILLAGE is open to everyone and appreciates the diversity of partners and their solutions!



WHAT CERN GREEN VILLAGE OFFERS

1. Access to CERN's campus as a testbed for developing and testing sustainable solutions
2. Agility in implementation in a self-governed entity
3. Access to CERN's vast technology knowledgebase and receive rapid and tangible feedback
4. Scientific and technical collaboration with CERN's expert personnel
5. Students, researchers, and innovators with the capacity to apply your ideas in different contexts, in turn helping you to increase their scope and scalability
6. Partnerships for collaborative programs and projects proposals
7. Allows the solution providers a sort of sand box to test their solutions, without CERN necessarily being involved in their projects
8. Solution providers are allowed to operate on CERN campus in a free way



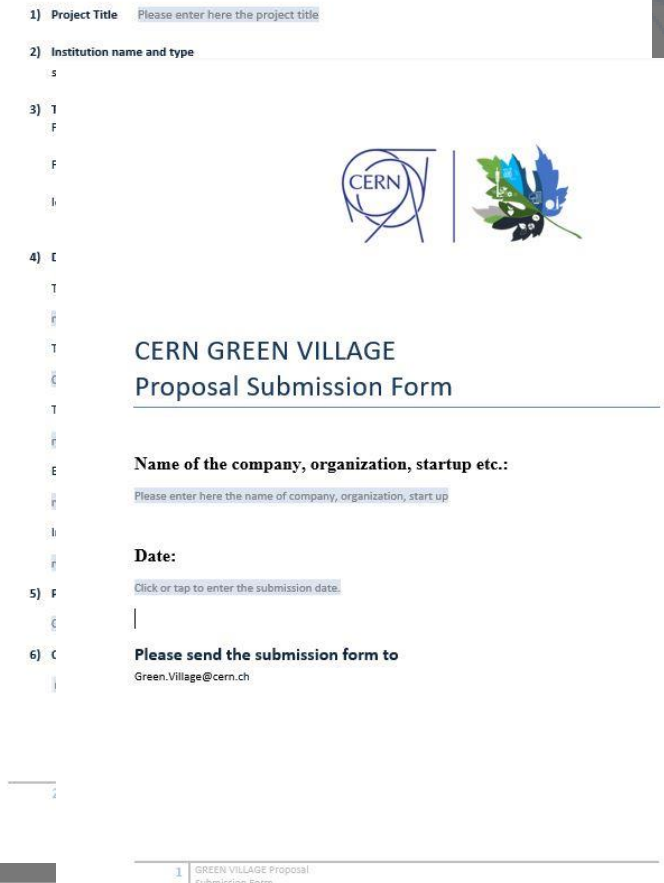
PARTICIPATION PROCESS

Proposal Submission Form

Conditions

1. The project must be a **pilot project** in test phase.
2. The project **addresses** a clearly identified sustainability challenge(s)
3. The project is **feasible** in a reasonable time scale/with reasonable amount of **resources**.
4. The project shall **accelerate** a sustainable solution if tested in a realistic city-like environment.

Contact: green.village@cern.ch



The image shows a digital form titled "CERN GREEN VILLAGE Proposal Submission Form". The form includes several sections with input fields and labels:

- 1) Project Title:** A text input field with a placeholder "Please enter here the project title".
- 2) Institution name and type:** A text input field.
- 3) First Name:** A text input field.
- 4) Last Name:** A text input field.
- CERN GREEN VILLAGE Proposal Submission Form:** A section header with the CERN logo and a stylized leaf logo.
- Name of the company, organization, startup etc.:** A text input field with a placeholder "Please enter here the name of company, organization, start up".
- Date:** A text input field with a placeholder "Click or tap to enter the submission date".
- 5) Email:** A text input field.
- 6) Please send the submission form to:** A text input field with the email address "Green.Village@cern.ch".

At the bottom right, there is a small footer that reads "1 | GREEN VILLAGE Proposal Submission Form".

<https://sce-dep.web.cern.ch/cern-green-village>

Contact: green.village@cern.ch

CERN GREEN VILLAGE

Looking for a testbed for your early-stage sustainable solution or technology?

Discover how you can turn CERN's campus into your test area for your own sustainability solutions