

Technical Coordination

First steps, tools, needs

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First steps

- Check material needed for the new stations
- DB to easily get and provide information
- Check material available at Centro Fermi
- Contact companies to speed up production
- Easy communication with local responsables

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- ◆ Done
- ◆ Currently handling requests for 6 telescopes
- ◆ All details have been stored

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♦ Done (not interactive at the moment)

♦ It is a web tool:

<https://sites.google.com/centrofermi.it/3etech/home>

First steps

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- ♦ To be done next week
- ♦ Currently checking part of the material at CERN

First steps

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- ◆ A few items are pending
- ◆ Speed up new productions
- ◆ Contacts with **companies** and **internal responsible** these days

First steps

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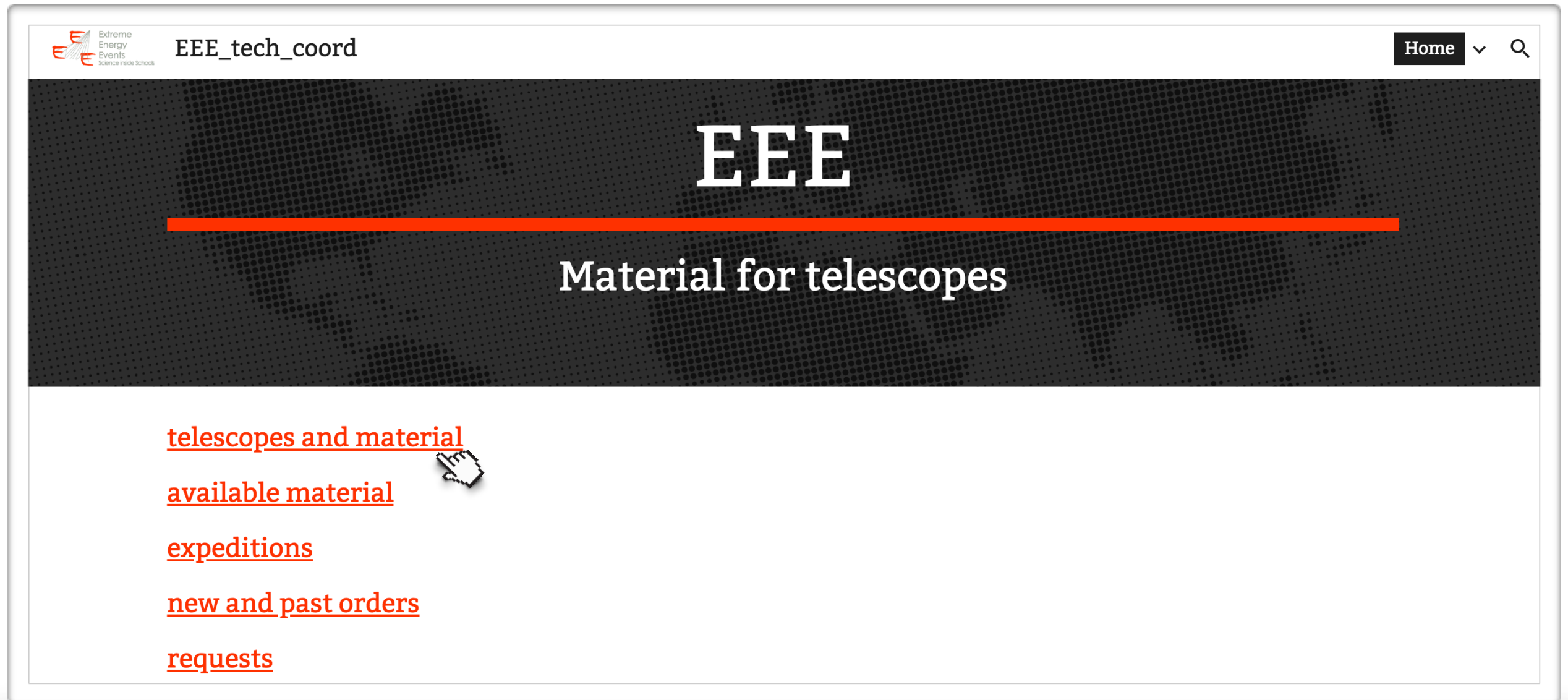
- ♦ Increase contacts with local responsables
- ♦ Form to make requests available on the web tool to be prepared

Tool and needs

◆ Telescopes and material

- List of new telescopes including details on delivered and needed material

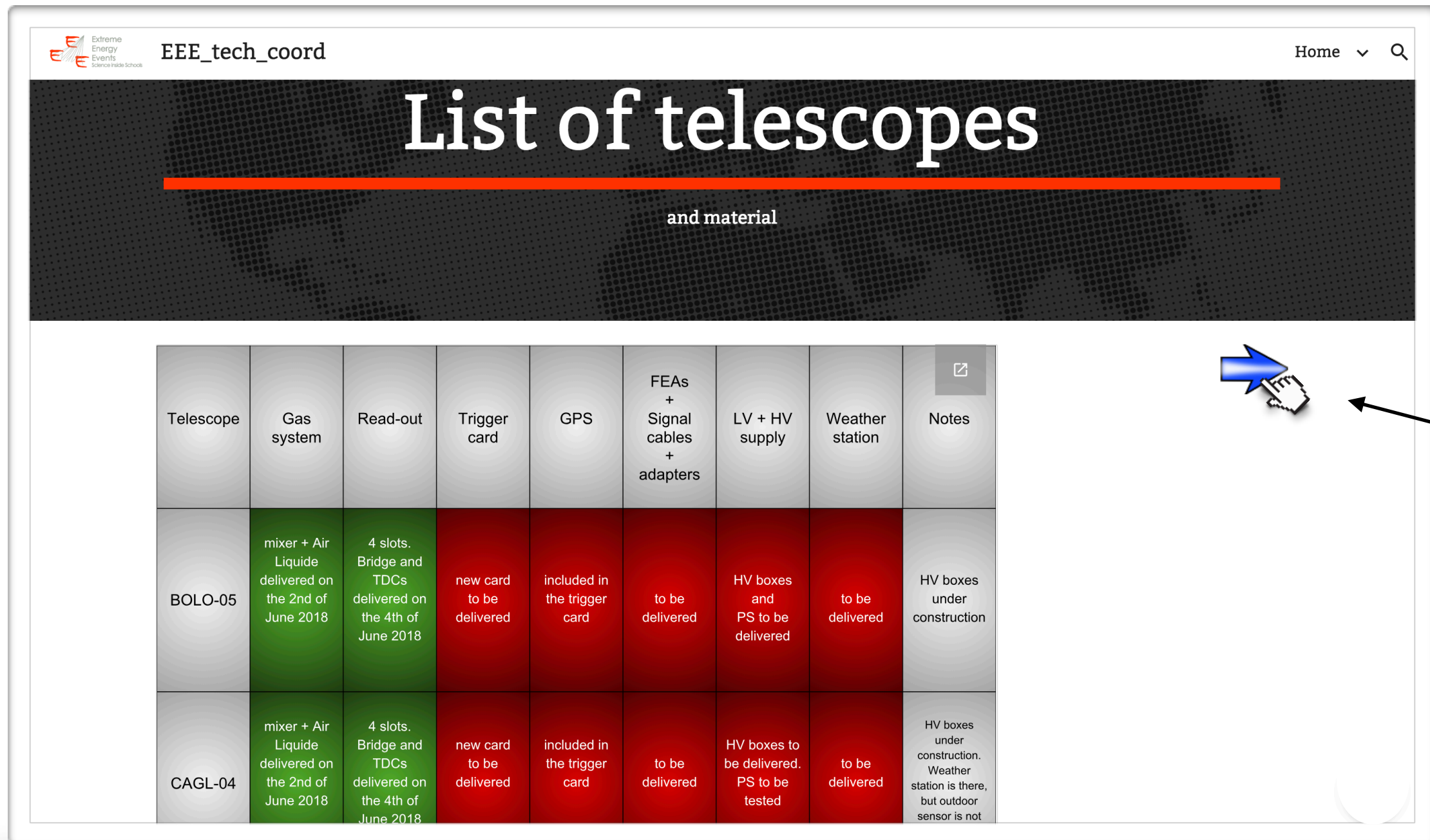
<https://sites.google.com/centrofermi.it/3etech/home>



Tool and needs

◆ Table 1

- Details
- Make the DB interactive in the future?
- Include all telescopes could be useful



The screenshot shows a web application interface. At the top left is the logo for 'Extreme Energy Events Science Inside Schools' and the text 'EEE_tech_coord'. At the top right are links for 'Home' and a search icon. The main heading is 'List of telescopes' with a red underline, followed by 'and material'. Below this is a table with 9 columns: Telescope, Gas system, Read-out, Trigger card, GPS, FEAs + Signal cables + adapters, LV + HV supply, Weather station, and Notes. The table contains two rows of data, BOLO-05 and CAGL-04. A blue arrow points to the 'Notes' column header, and a black arrow points to the text 'browse through pages'.

| Telescope | Gas system | Read-out | Trigger card | GPS | FEAs + Signal cables + adapters | LV + HV supply | Weather station | Notes |
|-----------|---|--|--------------------------|------------------------------|---------------------------------|---|-----------------|--|
| BOLO-05 | mixer + Air Liquide delivered on the 2nd of June 2018 | 4 slots. Bridge and TDCs delivered on the 4th of June 2018 | new card to be delivered | included in the trigger card | to be delivered | HV boxes and PS to be delivered | to be delivered | HV boxes under construction |
| CAGL-04 | mixer + Air Liquide delivered on the 2nd of June 2018 | 4 slots. Bridge and TDCs delivered on the 4th of June 2018 | new card to be delivered | included in the trigger card | to be delivered | HV boxes to be delivered. PS to be tested | to be delivered | HV boxes under construction. Weather station is there, but outdoor sensor is not |

Tool and needs

◆ Available material

- material at Centro Fermi and CERN
- Include all details in the next days

The screenshot shows a web browser window with the URL 'EEE_tech_coord'. The page has a dark header with the title 'Available material at Centro Fermi'. The main content area lists three categories of equipment: CAEN electronics, custom electronics, and HV and LV system, each with a bulleted list of items. A search icon is visible in the top right corner, and a circular icon with a pencil is in the bottom right corner.

Extreme Energy Events Science Inside Schools

EEE_tech_coord

Home ▾ 🔍

Available material at Centro Fermi

CAEN electronics

- x crate 4 slots
- x VME bridges V1718
- x TDCs 64ch V1190B
- x TDCs 128ch V1190A

custom electronics

- x trigger boards new type Lecce
- x clock boards

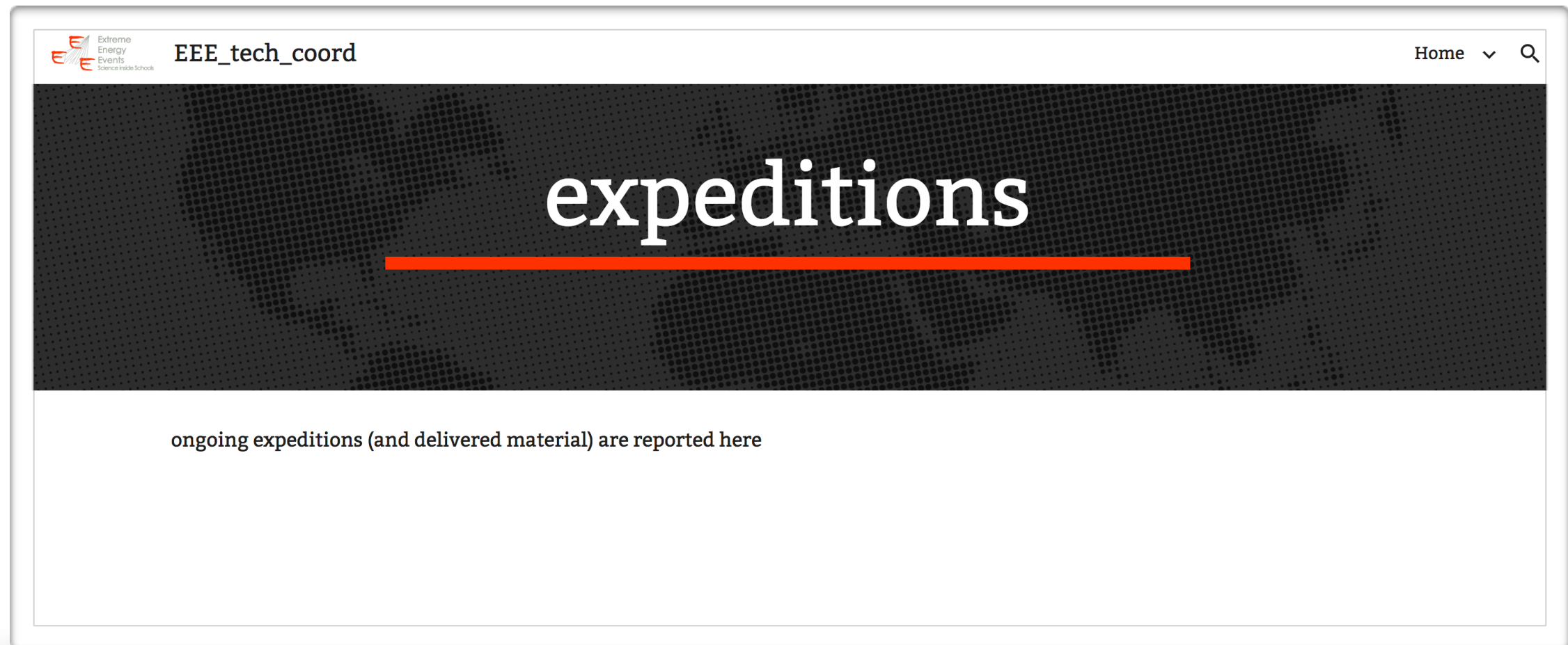
HV and LV system

- x positive HV boxes
- x negative HV boxes
- x positive DC/DC converters

Tool and needs

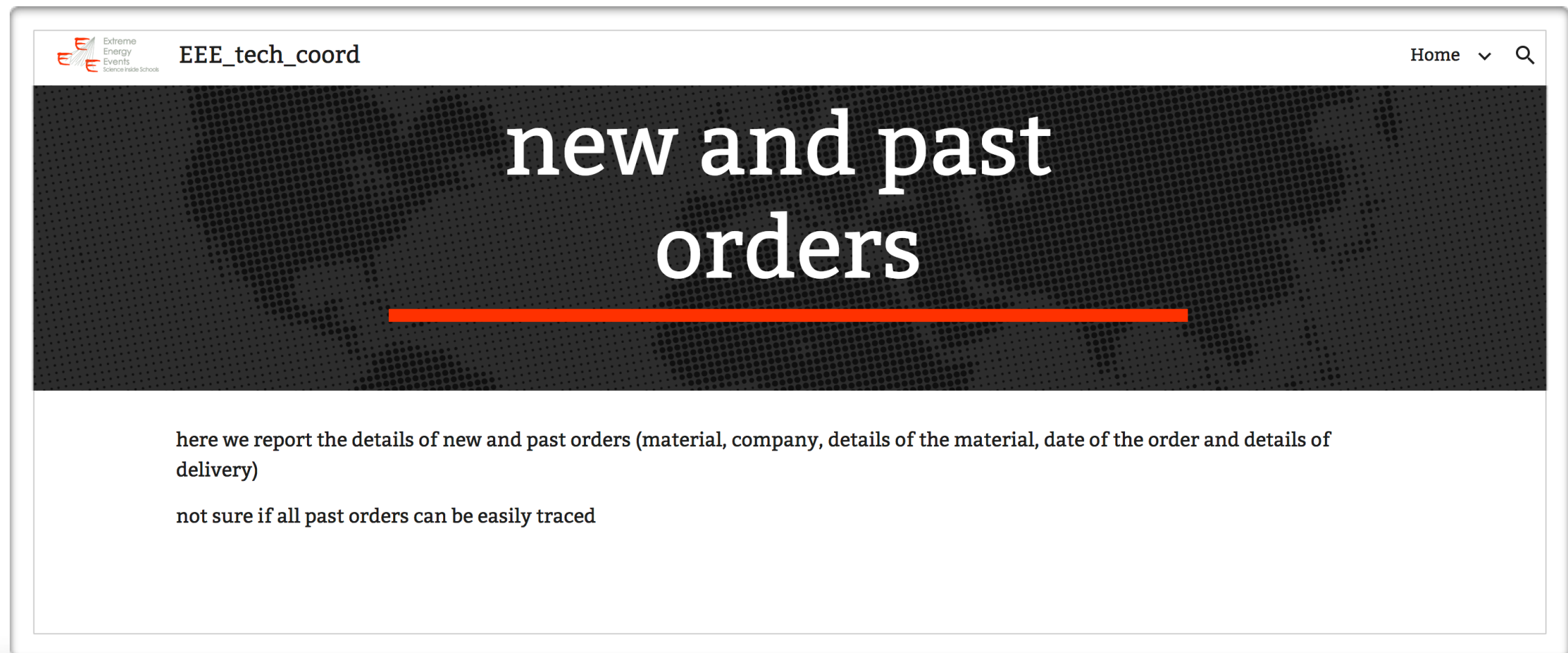
◆ Expeditions

- Details to be included soon



Tool and needs

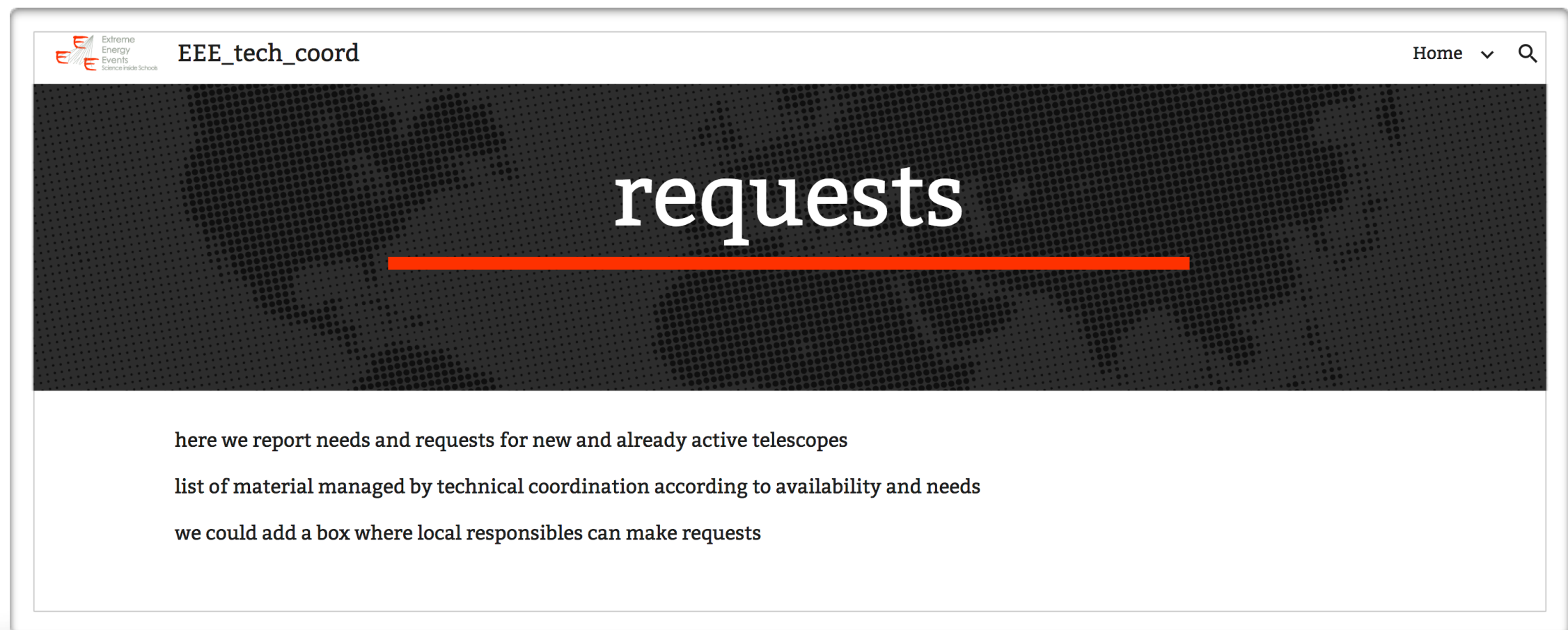
◆ New and past orders



Tool and needs

◆ Requests

- Requests need be handled taking into account needs for already active telescopes
- This page should help tracking everything easier
- A form to allow contact persons to make requests could be used here



Conclusions

- Check material needed for the new stations ✓
- DB to easily get and provide information ✓
- Check material available at Centro Fermi ✗ (completed soon)
- Contact companies to speed up production (completed soon)
- Easy communication with local responsables (completed soon)

- Regular/dedicated meetings with other coordinators
- Consider to have a deputy/help in the future