1 ALFRED-WEGENER-INSTITUT
HELMHOLTZ-ZENTRUM FÜR POLAR- UND MEERESFORSCHUNG

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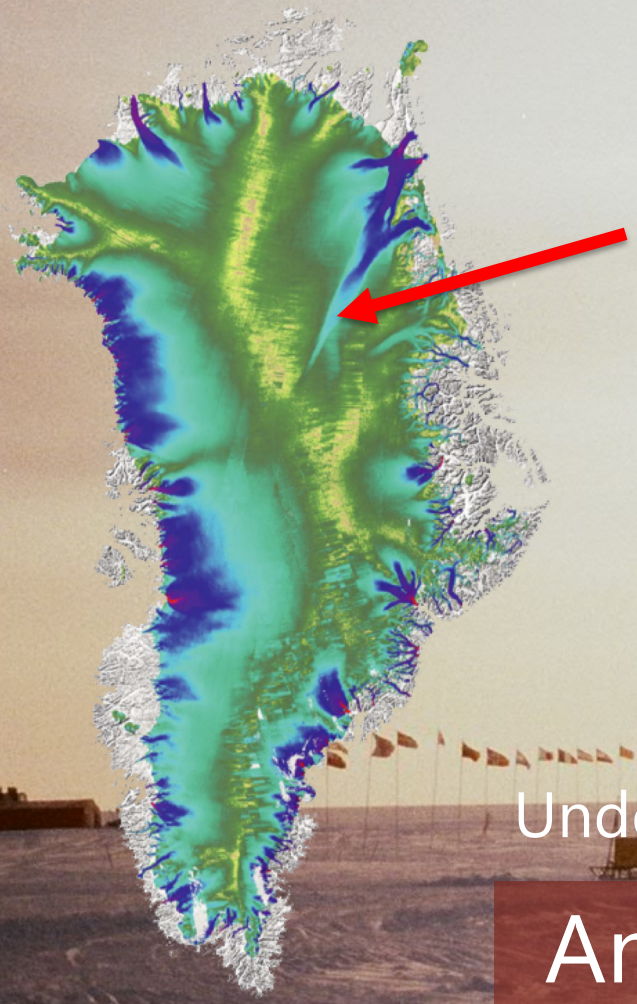

Map from Aschwanden et. al, 2016
(DOI: 10.1038/ncomms10524)

Understanding an ice stream in Greenland at the EastGRIP camp

An international-multidisciplinary effort and knowledge transfer among scientists

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Photo: Steven Franke (AWI)

HELMHOLTZ

SCIENCE MISSION

- Drill an ice core to the bottom (2650m)
- Gain knowledge on ice deformation and ice dynamics
- Learn about the climate of the past
- Look at the ice-bed interface (sliding)

Photo: David Wallis

THE ANNUAL CYCLE

Steering Committee Meeting

In October/November the EastGRIP project partners gather in Copenhagen for the annual steering committee meeting, to present new findings and to evaluate on the just finished field season and discuss issues concerning the upcomming field season

Science and measurements

Throughout the season measurements are conducted on samples from EastGRIP. Results are analyzed and new findings published in papers.

Read more about measurements and science in the science section

Field season preperations

In late winter and spring the logistical team start planning the manning of the upcomming field season. In addition, shipping of cargo by air and ship has to be planned.

Closing the camp

In August the science activities are closed down and an inventory of the camp is done. Hereafter, the camp is officially closed after about four months of field activity.

Camp population: 9 (2018)

Field season

From late April/early May to mid/late August the camp is populated by scientists, doctors, cooks and technical personnel as well as guests (politicians, journalists etc.).
In addition to ice core drilling an array of different projects are conducted; drilling of shallow cores, sampling of snow, investigations using drones and radars and many more.

Camp population: >30 (2018)

Put in

At the end of April/early May the first crew members are flown to camp, where they prepare the camp for the upcoming season by, among others, making sure there is electricity, building accommodation and establishing a drinking water supply.

Camp population: 9 (2018)

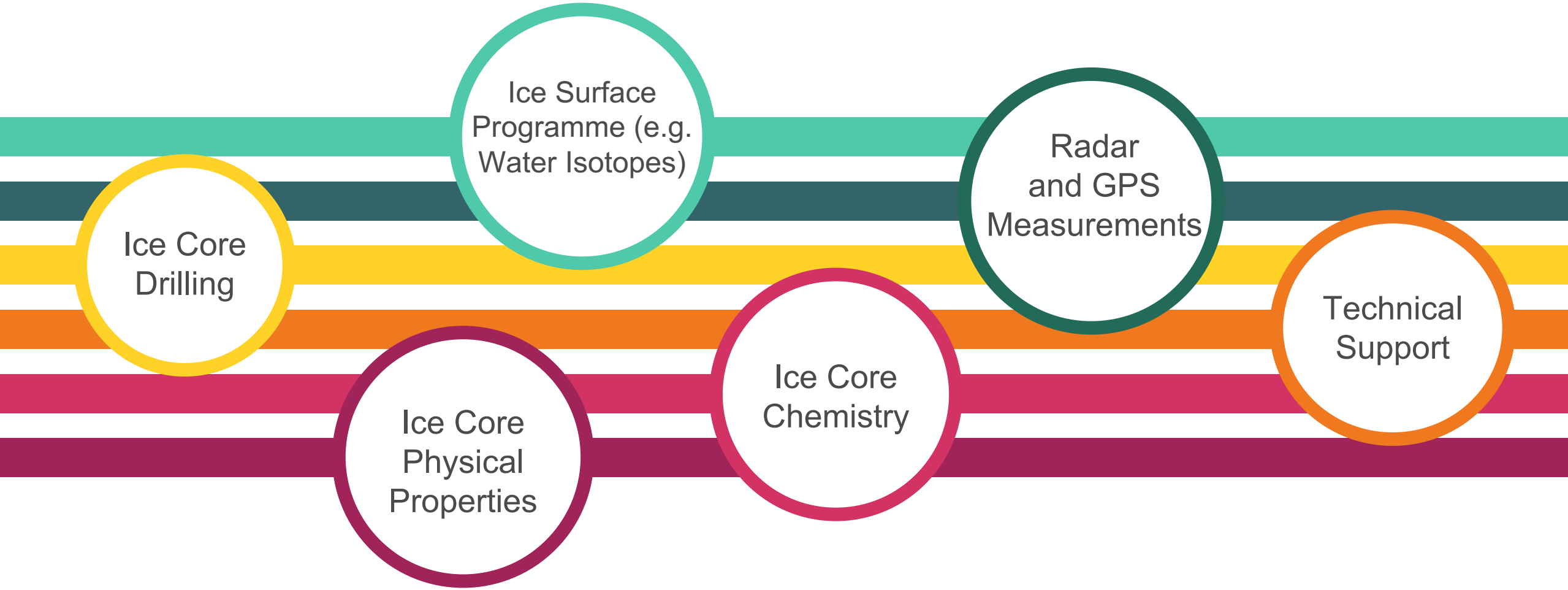
Photos: eastgrip facebook
Graphic: www.eastgrip.org

Video: Nicolas Stoll (AWI)

(1) Knowledge Transfer - Fieldwork

12 research Countries financing and running the projects

Even more perform research on the aquired data and samples



(1) Knowledge Transfer - Fieldwork

Research who work on the subject but normally don‘t do fieldwork

- Ice sheet modellers
- Researchers working in labs
- Scientists who do remote sensing

Photo: Nicolas Stoll

(2) Knowledge Transfer – EGRIP/NEGIS Symposium and Workshops

- First meeting 2015
- First Symposium and Workshops 2016

Photo: EGRIP Facebook Site

(3) Knowledge Transfer – guest visitors

The camp invites every year a small amout of visitors to the camp

- Journalists
- Politicians who are interested in the research
- High school students and teachers from Greenland, USA and Denmark

Photos: www.eastgrip.org (field diaries)

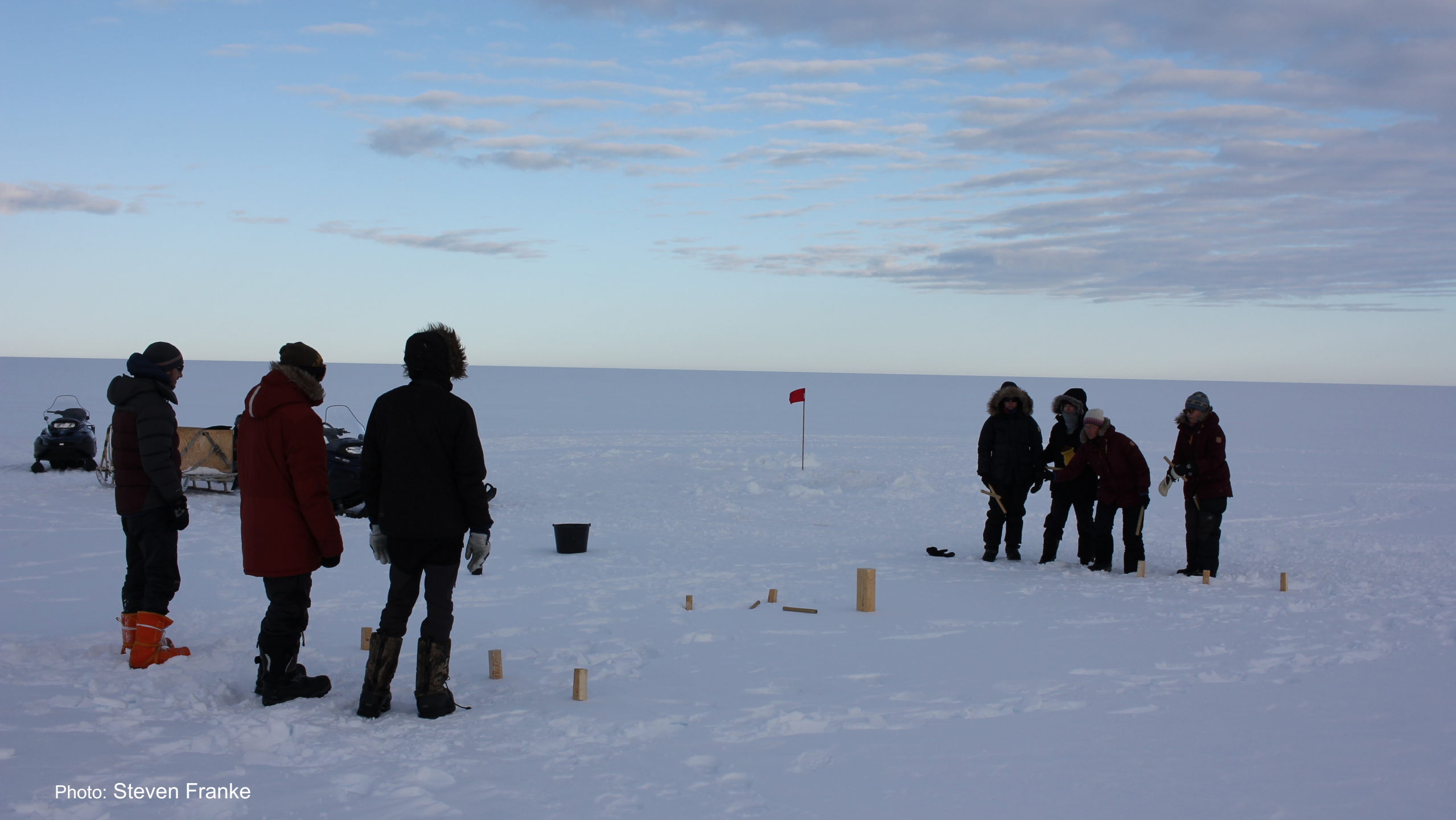


Photo: Steven Franke