

**ACCC**

CLEAN AIR. SAFE CLIMATE.



# Atmosphere and Climate Competence Center

## ACCC Flagship – Safe climate and Clean air

— from deep scientific understanding to practical solutions



UNIVERSITY OF HELSINKI



FINNISH METEOROLOGICAL INSTITUTE



UNIVERSITY OF  
EASTERN FINLAND

 Tampere University



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# ACCC STRENGTHS

## **EXCELLENT SCIENCE**

in understanding the  
atmospheric - Earth  
surface interaction &  
feedbacks

## **CAPACITY BUILDING**

in  
**climate competences**  
for different audiences  
*From schools to  
universities, from  
NOGs to business*

## **WORLD CLASS GROUND BASED RESEARCH INFRASTRUCTURES**

*Flagship station SMEAR-II  
in Hyytiälä, FINLAND*

## **SCIENCE DIPLOMACY & POLICY DIALOGUE**

on  
climate change & AQ  
*from regional to global  
scale*

## **INNOVATIONS**

in  
atmospheric  
monitoring & carbon  
footprints  
From indoor to outdoor

## **RESEARCH NETWORK AND R&I COLLABORATION**

in all  
continents *from Europe to  
Asia, and America, from  
Arctic to Antarctic*



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# ACCC -- WORLD LEADING RESEARCH & INNOVATION ECOSYSTEM IN ATMOSPHERIC SCIENCES

**800**

Researchers (Physics, Chemistry, Biology, Forest Sciences, Geosciences, Meteorology, And Social Sciences)

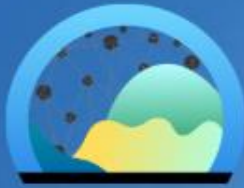
**21%**

of highly cited researchers in Finland

**1000+**

partnerships with global research institutes

|                     | 1990 | 2018 | 2028 |
|---------------------|------|------|------|
| disciplines covered | 2    | 12   | 19   |
| professors educated | 1    | 40   | 80   |



# ACCC

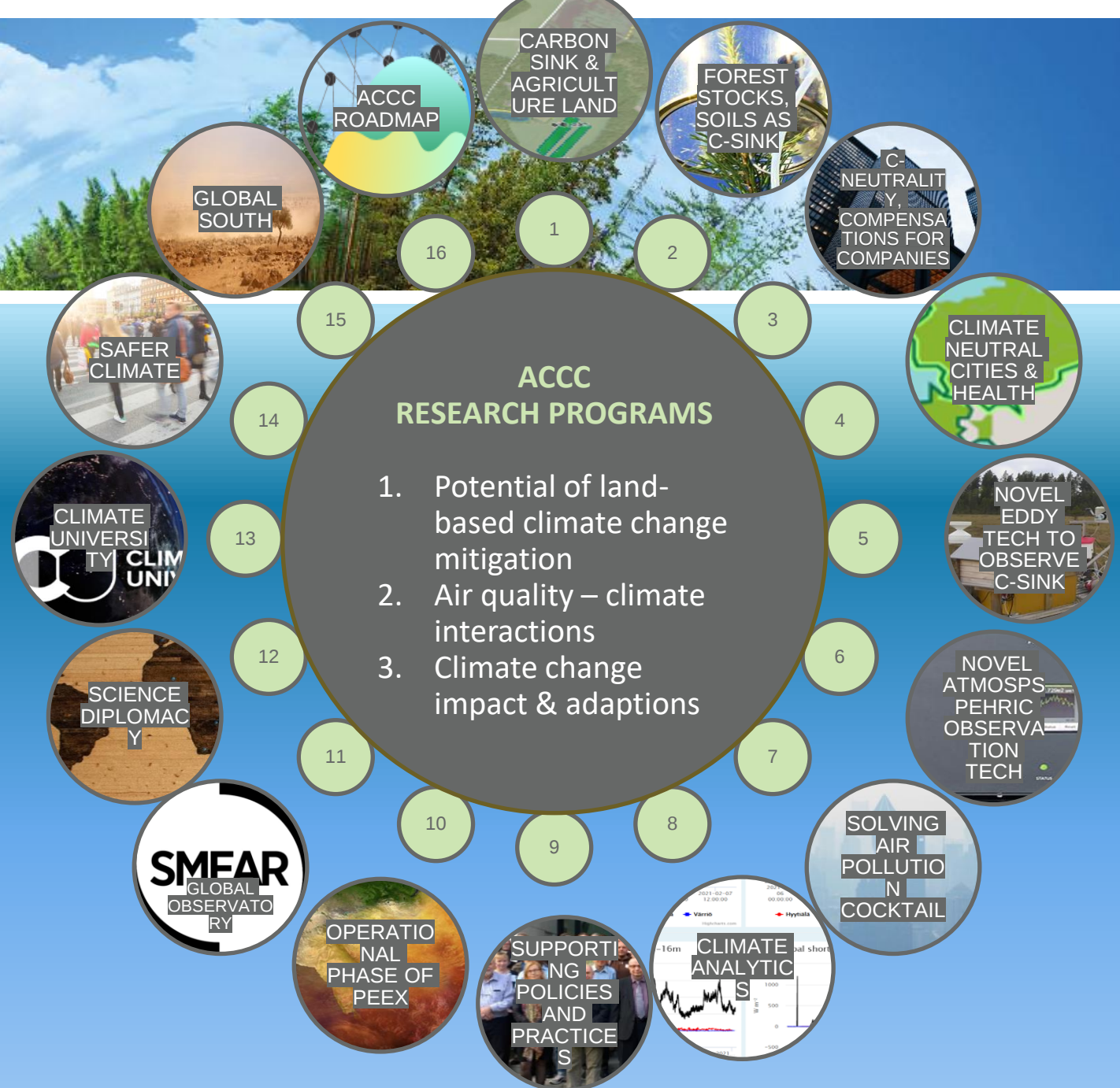
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## ACCC FLAGSHIP

## Implementation In 2020-2028, 2029 -

Funded by the Research Council of Finland

HELSINGIN YLIOPISTO  
HELSINGFORS UNIVERSITET  
UNIVERSITY OF HELSINKI





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# ACCC FLAGSHIP METHODS

