

A close-up photograph of a Zeiss microscope with several objective lenses. The lenses are labeled with 'ZEISS', 'NEOFLUAR', 'Ph2', '40x/1.4', and 'Aplan'.

## 4 Strategic research Challenges

To contribute to scientific, technological, environmental and behavioral changes in order to  
achieve the CAP 2025 objective of "sustainable living and production models"

(<https://cap2025.fr/en/research/scientific-challenges>)

A blurred aerial photograph of a landscape, likely a rural area, showing fields and some structures.

to the entire Auvergne site in order to address

(<https://cap2025.fr/en/research/exploratory-research>)

A photograph of a network switch or server rack with many white Ethernet cables plugged in. Some of the ports are lit up with yellow and green lights.

## Instrumental Development

To develop technological equipment and software tools to detect and then collect, transfer,  
store and use massive data sets

(<https://cap2025.fr/en/research/instrumental-development>)



(<https://cap2025.fr/en/research/associated-labex>)

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