

Scientific constraints for the proposed HALO mission:

Name:

(abbreviation only)

Contact person

Name:

Affil.:

Email:

Phone:

Preferred mission scheduling

Preferred year:

2031	No ☐	2032	No ☐	2033	No ☐
2034	No ☐	2035	No ☐	later	No ☐

➔ Brief explanation why this year is important, and what other years would also work (e.g., planned cooperation, need to secure financing, availability of personnel, ...):

Preferred Months:

Jan: ☐	Feb: ☐	Mar: ☐	Apr: ☐	May: ☐	Jun: ☐
Jul: ☐	Aug: ☐	Sep: ☐	Oct: ☐	Nov: ☐	Dec: ☐

➔ Brief explanation why these are preferred:

➔ Months that would also work scientifically, but are not ideal:

Preferred mission base

Preferred location:

Possible alternative locations:

➔ Brief scientific explanation, why this location is ideal / important:

Scientific area and connection to other HALO missions

This mission falls within the scope of the priority areas for HALO scientific activities:

- ☐ Sources, Properties and Processing of Aerosol Particles (→ [more information](#))
- ☐ Formation, Evolution, and Radiative Effects of Clouds and Precipitation (→ [more information](#))
- ☐ Transport and Dynamics in the Troposphere and Lower Stratosphere (→ [more information](#))
- ☐ Transport and Transformation of Chemical Composition (→ [more information](#))
- ☐ Atmospheric Coupling Processes (→ [more information](#))

(multiple options possible)

This mission connects to the following previous or scheduled (HALO-) missions:

This mission will be part of / coordinated with other measurement campaigns:

Yes: ☐ No: ☐

If yes, please give details (as known at this point)

This mission relies on using new HALO instrumentation or infrastructure:

Yes: ☐ No: ☐

If yes, please state name, institution in charge, and time frame of development (as known at this point):

Mission partners, funding

Are the anticipated partners already involved in the planning of this mission?

Yes: ☐ No: ☐

Comment (optional):

Do you plan to connect to external partners (non-members of the consortium)?

Yes: ☐ No: ☐

Comment (optional):

Which other frameworks do you expect to submit proposals for funding to (e.g. EU calls, ...)?

Comment (optional):

Further comments

Are there any projects that could be proposed for the scientific development of HALO to aid this mission (e.g., *certification of certain instrument/inlet combinations; new inlet types; re-positioning of structures, ...*) ?

(You may contact the HALO user coordination in case of questions or for further comments)

Please state anything else that may be relevant for the scheduling of the mission: