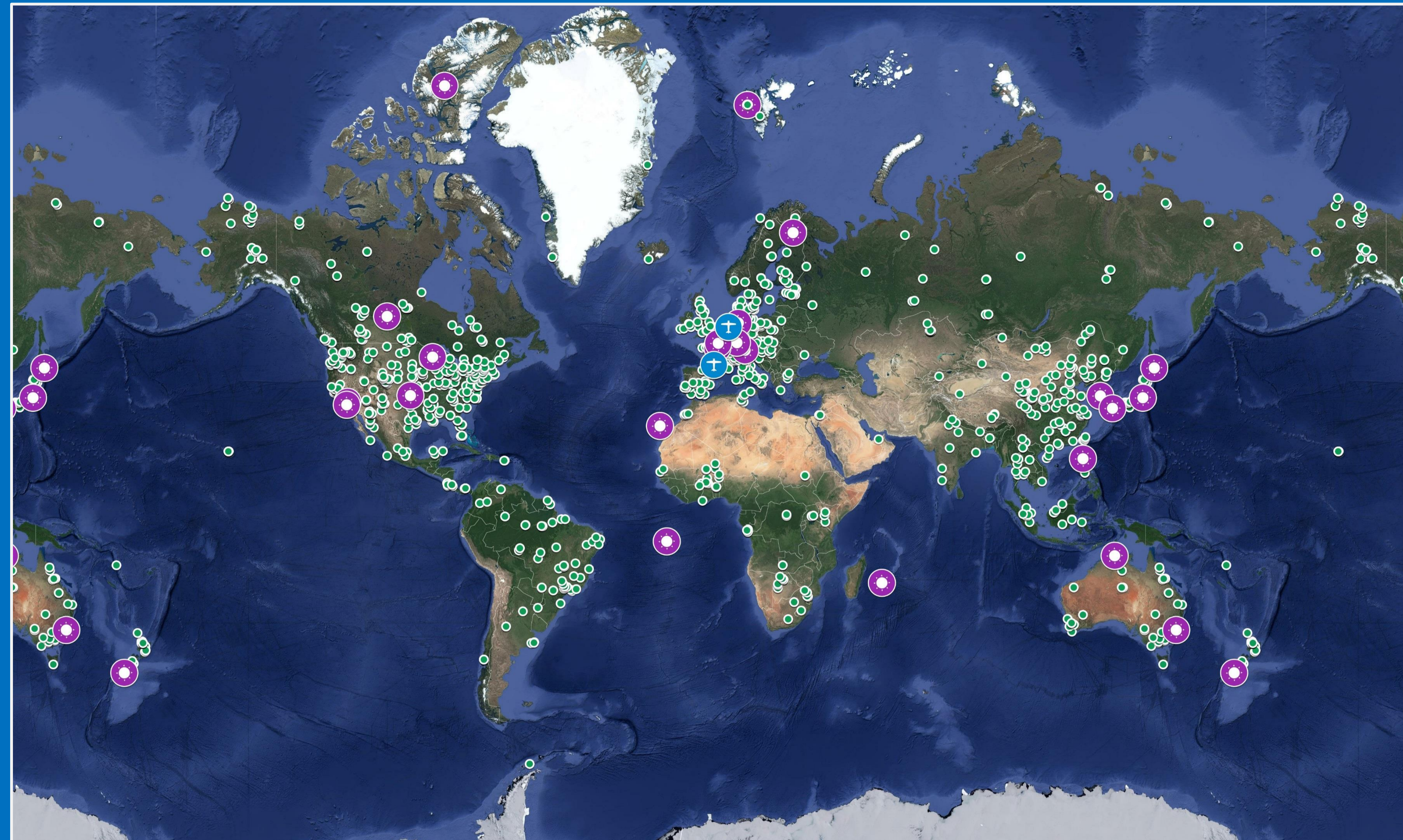


# 2155 PAST & PRESENT EDDY COVARIANCE MEASUREMENT LOCATIONS, & STILL COUNTING

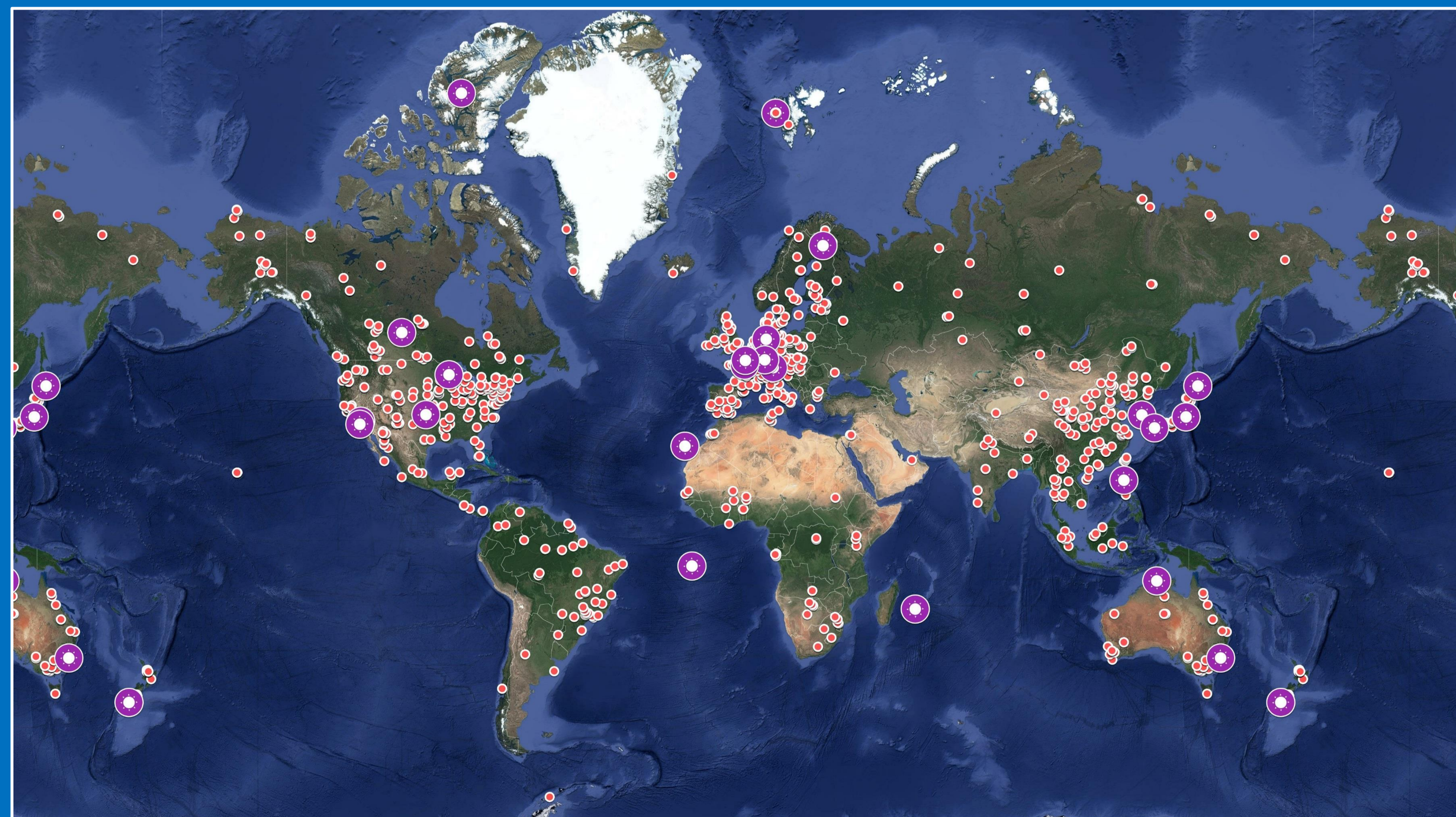
## LET'S DISCUSS WHAT WE COULD DO

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All 2155 past and present eddy covariance measurement locations available to date, 2 airborne campaigns with 27 flight tracks



Known active (615) and undetermined (902) locations available to date. At this time, it was not possible to distinguish between active sites and the sites where no status was available.

The goal of this presentation is to ignite, and provide a base for, a discussion regarding the locations where eddy covariance flux measurements have been done in the past and where they are being done now, and barriers to and advantages of accessing and utilizing this wealth of data in a best possible manner.

Locations include large networks which already have done detailed inventories, compiled databases and designed very engaging interactive maps, but also smaller networks, tower clusters and individual site, including all long-term stationary site locations, all short-term campaign locations, as well as all mobile transects over land and ocean. If submitting the new tower locations, please send to [george.burba@licor.com](mailto:george.burba@licor.com) strictly in a following form:

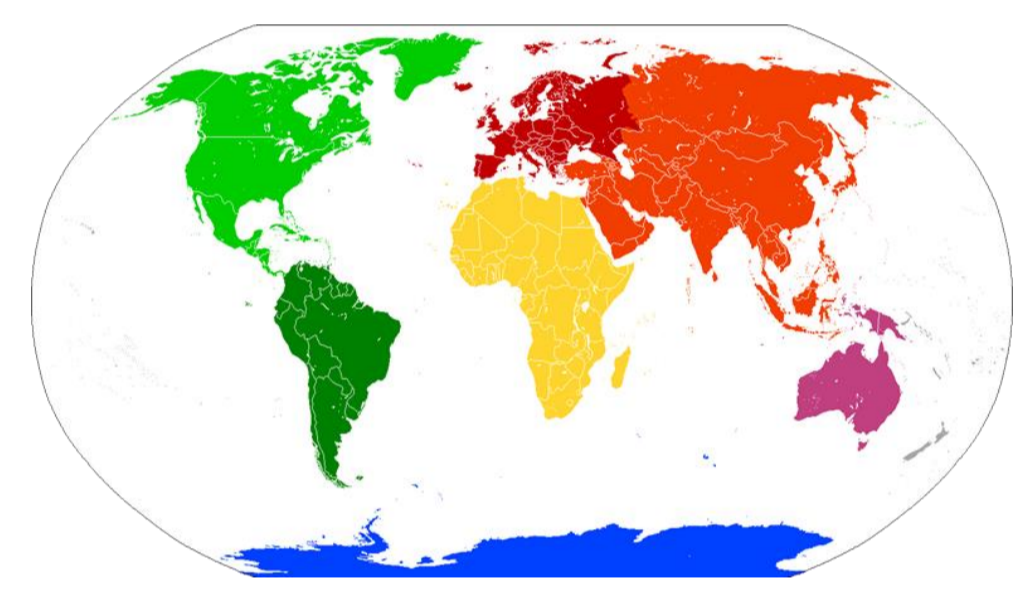
### Mandatory information (required):







- Column 1: Latitude (*decimals with a sign only*)
- Column 2: Longitude (*decimals with a sign*)
- Column 3: Status (*future, active, inactive, etc*)
- Column 4: Contributed by (*name or link*)
- Column 5: Public or Private (*e.g., site details private or public*)

### Volunteer information (not required):

- Column 6: Site ID
- Column 7: Country where the tower is located
- Column 8: Site name
- Column 9: Site URL
- Column 10: PI name
- Column 11: Institute
- Columns 12+: other directly relevant details, publications, *etc.*

Most sincere acknowledgements a to everyone who contributed to this effort, especially the following organizations: FluxNet, AmeriFlux, AsiaFlux, CarboEurope, ChinaFlux, ICOS, KiwiFlux, OzFlux, and numerous individual groups and people for their past and future contributions.

	Total	Active	Undetermined	Inactive
 Africa	80	32	9	39
Antarctica	1	1	0	0
Asia	353	157	142	54
Australia, New Zealand & Oceania	102	28	42	32
Europe	731	110	452	169
North America	720	187	221	312
South America	168	29	25	114
World	2155	544	891	720

-  All known past and present flux tower locations
-  Locations with active and undetermined status: known inactive/past sites excluded
-  Known inactive and past locations
-  Airborne flux measurements: a very small fraction of actual available
-  Shipborne flux measurements: not yet available
-  TCCON locations: not eddy covariance measurements

There is still a significant amount of missing measurement locations which are related to:

- i. Evapotranspiration flux measurements and networks
- ii. Urban GHG flux measurements from stationary locations
- iii. Shipborne and airborne fluxes and flux transects
- iv. Other mobile flux transects or mobile locations