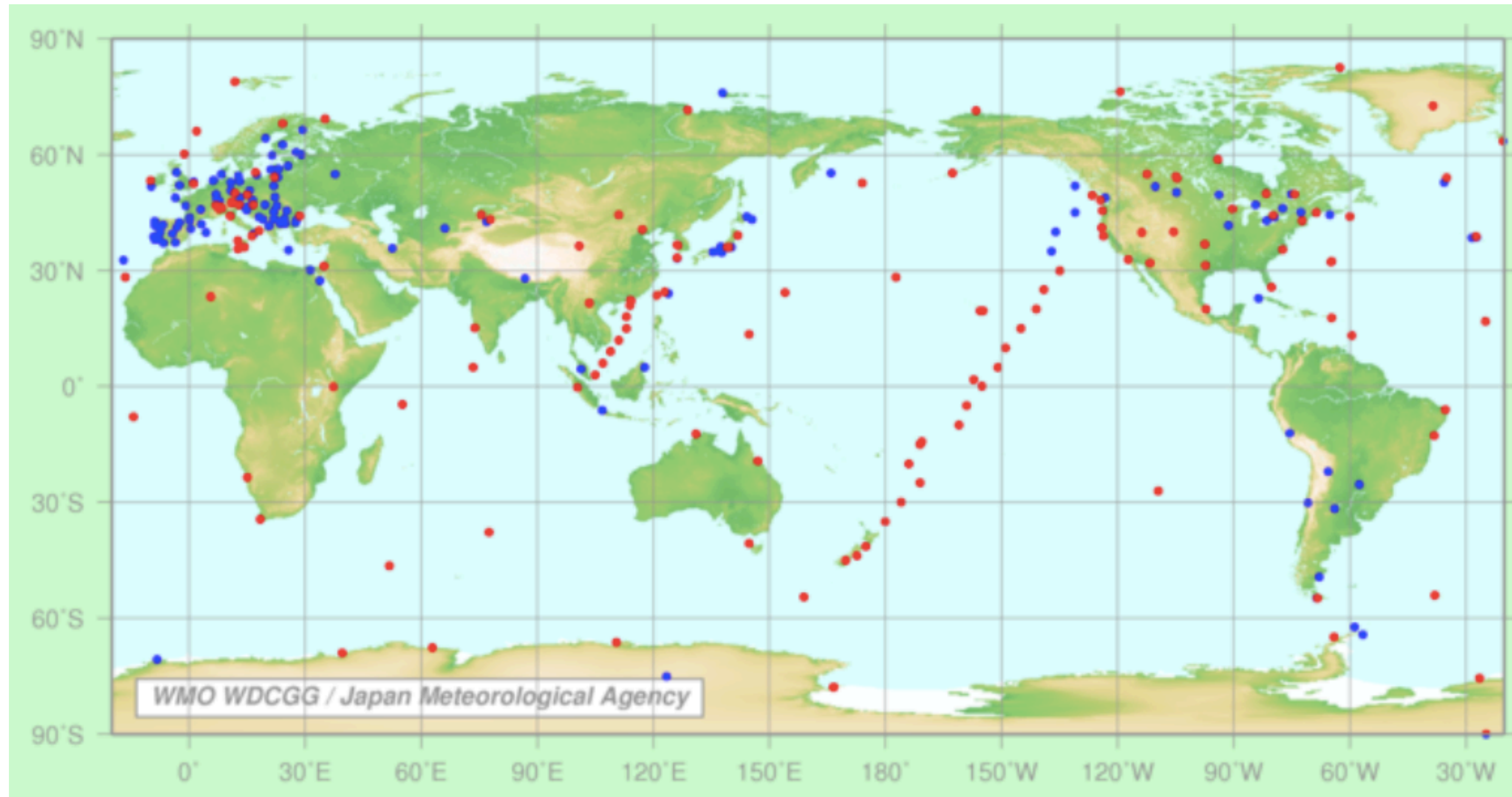# Global Climate Monitoring Network

- Improve the current amount of relevant data for weather and climate change research

Business Model

<u>Technology</u>

Cheap reliable sensors (available from various supplier)

Long-life autonomous power source (e.g. solar panel)

Communications (SMS/satellite)

DIY and modular approach for the device

<u>Development Challenges</u>

Building Prototype Device Communication Protocol-Language

Communications with existing databases (e.g. WMO)

<u>Funding</u>

Climate change measurement network - package for geeks

Educational package for schools, universities etc.

Public funding; EU, WMO, UNICEF, UN etc.

Action Plan (6 weeks)

Prototyping of the hardware (4 weeks)

Sensors + Arduino + SMS

Software (4 weeks)
Communications protocol

Testing (2 weeks)