

R2HOME

Making radiosondes reusable

In a nutshell

Making reusable radiosondes to improve weather forecasts on earth.

Why is our technology important?

Extreme weather events are rising. Access to precise weather predictions is vital to civil security. Our approach is to collect higher-resolution atmospheric data vital for climate resilience by deploying reusable radiosondes. This data will provide improved forecasts to any industry impacted by weather.

The benefits of our solution

Our radiosonde is reusable because it can autonomously return to the launch site after being released from the weather balloon at 30,000 meters. Reusability reduces by a factor of 100 the environmental impact of atmospheric data collection and by a factor of 10 its price.

Keywords

Radiosonde, Weather, Autonomous, Reusable, Forecasting, R2Home

Founding Team

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