

## COMPANY INFORMATION

Company name	<b>Radiotechnology - NN LLC (Nizhny Novgorod, Russia)</b>
Project name	<b>METEO: Self-training system for monitoring and forecasting of the local weather with ultra-high space resolution</b>
Project leaders	Igor Karpunin
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Company/project history	Spin-off company of UNN, established in 2011

## PROJECT INFORMATION

### Description of technology/product

**A unique hardware-software system, built using a network of wireless sensors technology, allowing the measurement and forecasting of parameters of atmosphere and related media with the spatial resolution of several meters.**

### Diagrams and photos



Fig.1 Meteo

### Added value

Correct weather information in the place of interest in the time of interest.

### Current status of technology/product

- There are prototypes of the system elements and algorithms.
- Approximately one year to market output.

### Key advantages

- High space resolution of weather and microclimate parameters
- Enhancement of forecasting for system placed on monitoring area during long time (up to years without power supply).

### Competitors

- Traditional weather monitoring and forecasting methods space resolution – more then 20-30 square kilometers
- Proposed technology - 1-10 meters (on localized object like building, vessel, etc.).

### Potential markets

- Farmers
- Landscape designers
- Sportsmen (yachtsmen, paragliders, climbers etc.)
- Government structures, emergencies services
- The owners of estates, recreational territories and objects.

### Scientific publications and patents

- A lot of scientific papers; participation in the Russian and international conferences;
- Patent RF №2011615359, 16.05.2011.

### Contacts sought

- Distributors of the meteorological equipment
- Investors
- Farmers, landscape designers etc.

### Objectives

- To find partners and/or investors.
- To demonstrate technology / product to potential customers
- To investigate US market.