



**THE FIRST STEP AWAY
FROM WATER SCARCITY**

Team 4

Focus on agriculture

- Agriculture consumes **70%** of **freshwater** available on earth
- **Water shortage**
- **Increasing population and demand**



Our Solutions

Water Management System

- Improvement of current irrigation techniques
- IoT and sensors to manage the supply

New Resources Generation

- Underground condensation system
- Desalinators

Technologies

Water Management System

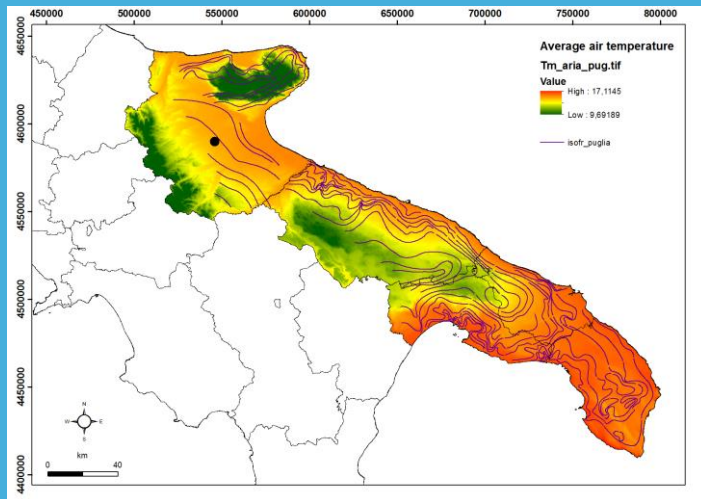


New Resources Generation



Pilot market: Puglia

- 15k hectares of wheat crops
- 8.8k hectares in the Foggia area
- **Partnership** with farming firms
- **Ease** of collecting information



Next steps

- Investigating **technical feasibility**
- **Interviewing** farmers from Puglia
- Assessing the **market** size and growth
- Validating our hypotheses
- ... Scaling up to **global impact**

Any questions?

Final market

- Iran is exploiting 97% of its surface waters
- Over-consumption of water reserves
- Need for better mgmt or new resources

Iran's Ministry of Energy
2014



Far beyond the suggested limit of 40%

Shrunk to **5%**
of its earlier volume
in just 20 years

Once - largest river
Now - mostly dry

