



rem **TEC**

**GREENPOWER** **TO THE PEOPLE**

**6 YEARS OF  
EXPERIENCE  
WITH  
AGROVOLTAICO®**





# AGROVOLTAICO® in Castelvetro Piacentino

The plant





# AGROVOLTAICO® in Monticelli d' Ongina

The plant



# CULTIVATING UNDER AGROVOLTAICO®

- Is it possible?

Yes!

- Disadvantages?

Yes, support poles and land use.

But they can be overcome!

# FROM 2011 TO TODAY

- Corn
- Wheat
- Rice
- Medical herb
- Canola
- Protein pea
- Soy



# AGROVOLTAICO® in Monticelli d' Ongina

Rice harvesting - video



# AGROVOLTAICO® in Monticelli d' Ongina

Resultes of the harvested rice:

- Arsenic = 0.035 mg/kg
  - Cadmium = 0.005 mg/kg
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- Much lower value than italian average  
(As=0.155 mg/kg; Cd= 0.030 mg/kg)
  - Much lower than legislative limits  
(As=0.100 mg/kg for 'baby food')



# SUB-IRRIGATION

Depth: 0.4 m



## Advantages:

- No losses
- No evaporation
- Homogeneous irrigation
- High water and energy savings
- Healthier plants
- Yield increase
- Minimum works and crop rotation



# CONCLUSION

My experience with Agrovoltaiico® has required to revise the traditional methods of agriculture.

It required innovation.

The results have been very positive.

INNOVATION = QUALITY

# ENERGY AND FOOD: AGROVOLTAICO®



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## THANK YOU FOR YOUR ATTENTION

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