### A 'research-embedded-inaction' framework to foster agroecology

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### I assume we agree on urgency of radical change





## Revolution not cosmetics



### I define my semantics

(paying heed to Wezel et al 2009)

- More than 'adopting some agroecological <u>practices'</u>
- Whole-system re-design:

reference, permaculture





#### **Beyond labels** (...yet be clear on what I mean by agroecology)

- Plants, animal, people →
  food, fibre, fuel, etc.
- All env.<sup>tal</sup> & human aspects
- Favour natural processes







## Civiltà dell'Orto

#### Natural horticulture: principles & techniques

#### Natural Norticulture

- mirrics ecclogical processes & situatures.
- avoids Slage and soll disturbance;
- feverals consistence of spontaneous & sublicated plants (no 'wead' to eracloais).
- achieves natural pelo predator equilionum.





#### Techniques

- Spontaneous segulation trampled over for soil preparation, then as needed.
- Mm. 10 cm of hay or other dry, sarbon rich multith is applied & maintained.
- A hole or "next" is made to plant seeds or seedings.
- Inspation is quasi insolution, limited to minimum amounts at time of planting.
- Labour is either non mechanised, or specific adapted machinery is used.

#### Practical applications: agreecelugy-based social movements

These techniques have teen spplied to community gentere ectore bely in the list decade. These vegetable genters are managed by loose interfaced communities, ecoellages, or loses neighbourhoods. In Angena and Osmala, N taly, and elsewhere, volunteers provide all the work three and collect as much produce as they need for themselves.

They also organise distribution of ancese produce, e.g. to pointr fainflas.



Angera (case study) Vest: 3 - 5 kg/m<sup>2</sup> (vianes provins average in 2006-2011, 1, 4 - 2 kg/m<sup>2</sup>) 210 m<sup>2</sup> have fet 1 presen

1 day of work / week.

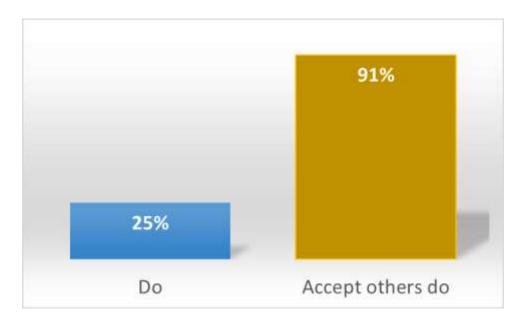
Reference: Cappello, Gan Carlo, 2013. Ta Carloi del'Orto. I Coto Alascele d'Angero. el desetest de fallan. Ingraduese Scaretch etc. 2014. \_ to cietto del erto Ibro artici

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#### agroecological project



## **Grower participation in research**



#### Warner, 2006



### **Develop agroecology through the praxis**

- Abandoned land, abandoned buildings
- Pleading for an integrated approach





#### Abandoned land & buildings (an example)



7.2 ha (arable land), sale price € 750.000 Estimated cost of refurbishment € 1 million 1050 m<sup>2</sup> of buildings





### I have a dream...





# What framework?



### AGROECOLOGY E U R O P E

### 1. Steering group, e.g. for

- business plans
- farmers' involvement
- legal framework & advice.
- 2. Catalyst.



### To recap...









### A new mind for novel solutions





### **Collect data while we do ALL that we do!**







# Try not! **DO or DO NOT,** There is no try.





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