



*Virtual Conference 23rd March 2021*  
*ReMIX and DIVERSify projects*

## **Intercropping to boost agroecology in European Agriculture**

# **Conclusion**



**ReMIX**

Species mixtures for redesigning  
European cropping systems



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# Hot topics in intercropping: *achievements and challenges*

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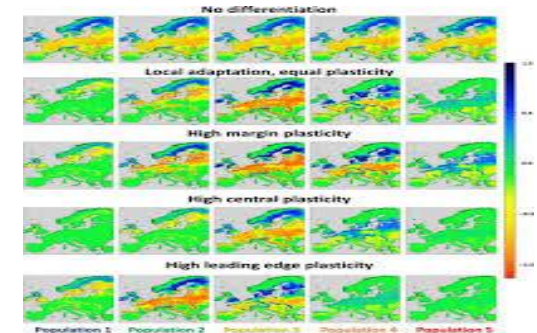
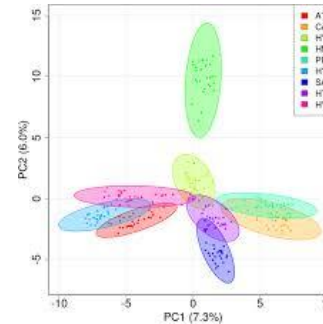
Henrik Hauggaard-Nielsen (RUC, DK)

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## Achievements on Production from intercropping

- Global understanding for local adaptation of intercrop management
- A reliable and secure crop production supporting EU protein plan
- Reduced dependence on agrochemicals and fertilisers compared to sole crops





## ***Achievements on Boosting adoption/knowledge exchange***

- Embracing the digital mindset – for connectivity and myth busting
- Widening participation - Tools for intercropping as a project legacy
- Innovation across the whole supply chain and unlocking the agri-food chain



## *Achievements on Policy (European & National levels)*

- Delivering robust intercrops for Policy goals
  - EU Green deal
  - EU Protein plan
  - Diversification of crops

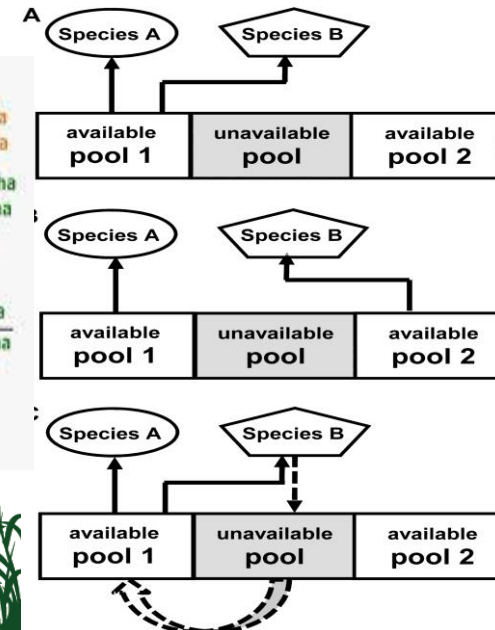




- Understanding the intercropping **microbiome** for boosting ecological processes in soil

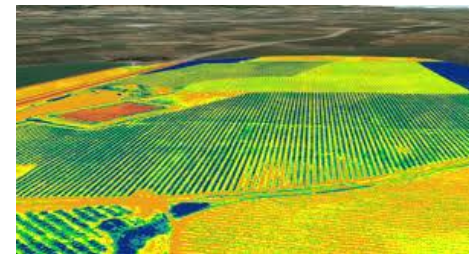
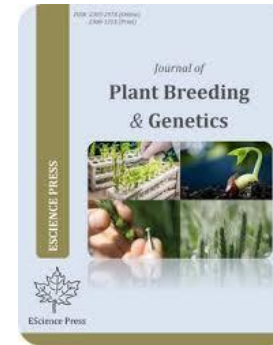


- We need more relevant metrics for **Triple I** analysis (Intra-specific and Inter-specific Interactions in intercrop)



## *Practical challenges*

- Selection of fit-for-purposes **ideotypes for intercrop** systems
- Precision farming and **digital agriculture** for boosting intercropping development in Europe





## *Societal challenge*

- **Institutional change and capacity building** across services and academia
  - Shift away from “input based” to “nature-based” solutions
  - New approaches in education for farmers and agricultural advisors





## Societal challenge

- **Institutional change** across the **supply chain** “equipping different communities to change”
  - New **partnership** needed
  - From “**Fork to Farm**” new paradigm?  
→ *when consumers' demand creates supply!*



## *As a conclusion... for a new way of thinking!*

- ❖ **Paradigm shift to agroecology**  
(including agri-food chain) is  
needed!
- ❖ Intercropping in EU Agriculture,  
**Yes we can!**
- ❖ Intercropping, just a brick in  
the wall... of **The EU Green Deal!**



# *Thank you for your participation!*

## *Conference organized by:*

- ReMIX H2020 project (<https://www.remix-intercrops.eu/>)
- DIVERSify H2020 project (<https://www.plant-teams.eu/>)
- With the Crop Diversification Cluster (<https://www.cropdiversification.eu/>)



*Joining forces to diversify  
European agriculture*



DIVERFARMING



LEGVALUE







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#### PARTNERS IN ReMIX

