



TRansition paths to sUstainable  
legume-based systems in EEurope

## Legumes in Hungary: Sector analysis and opportunities in organic farming

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11.09.2018, Budapest

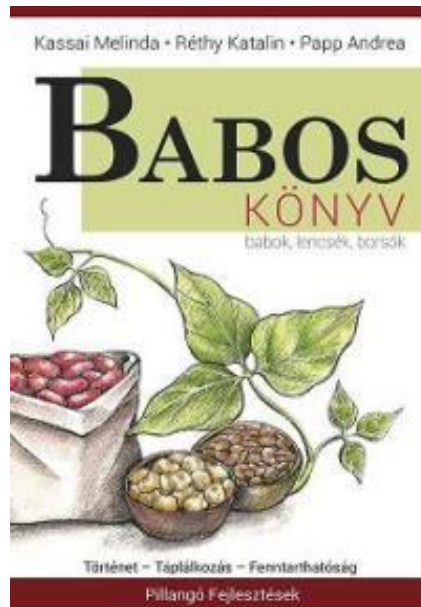


# 1. Introduction and presi overview



## ● ESSRG

Environmental  
Social Science  
Research Group



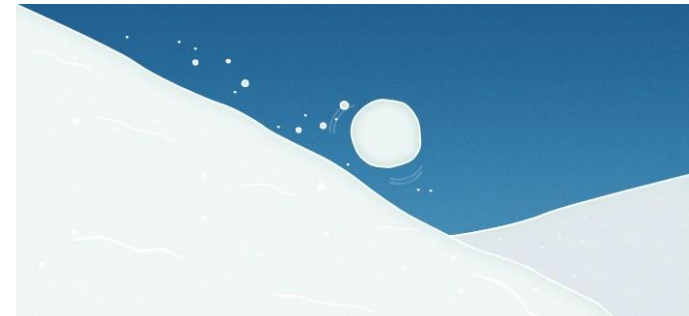
- Agroecologist/ Small scale organic farmer
- Legume Sector Analysis in Hungary
- Legumes in Szezon Kert



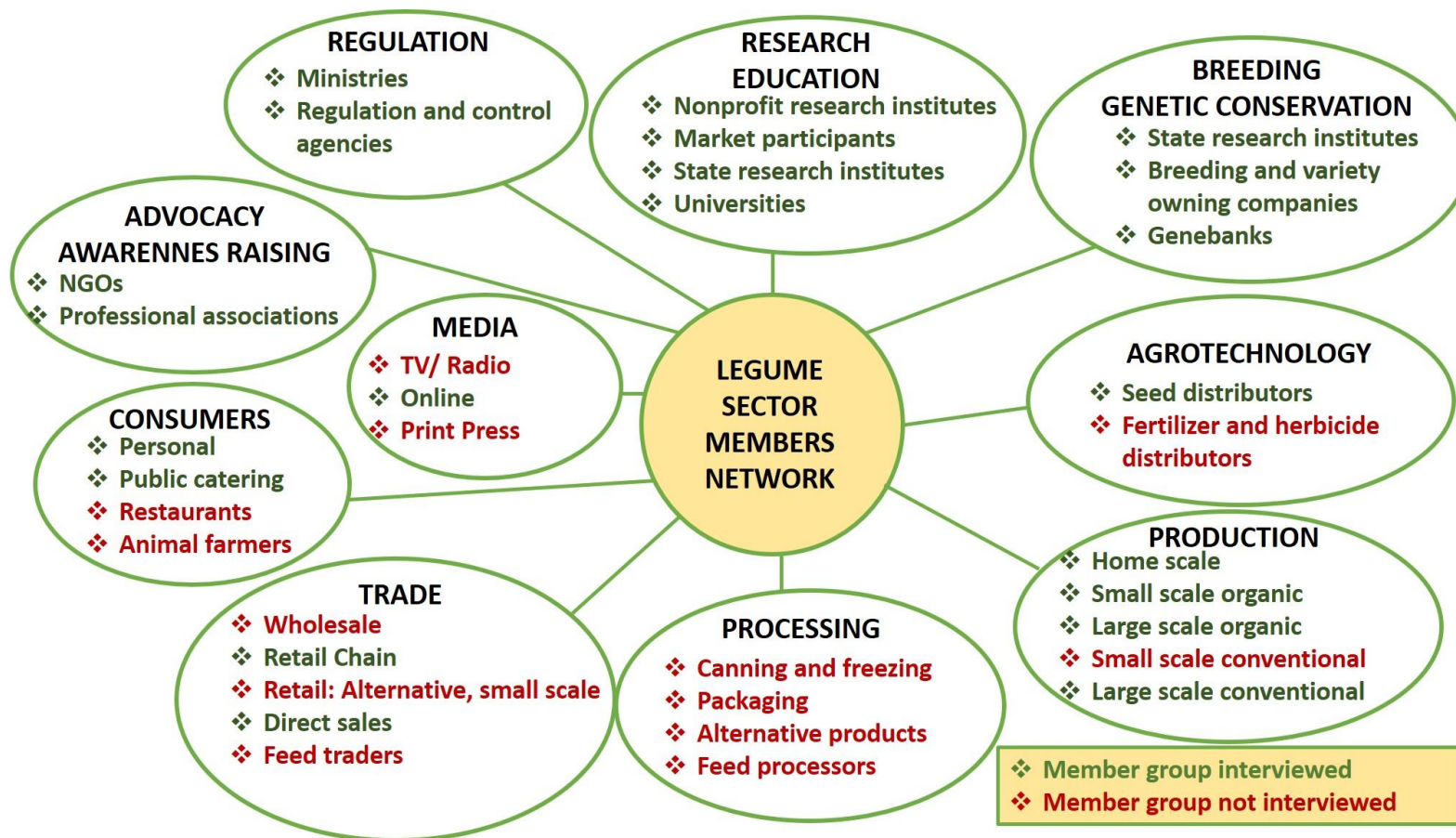
## 2. Sector Analysis: Background



- Research Goals
- Methodology



# 3. Legume sector members network



# 4. Legume categories and products



## 1. Human consumption:

- Fresh
- Dried



## 2. Animal Feed



<https://www.magyarszoja.hu>



<https://www.takaronovenyek.hu>

## 3. Cover crops and green manure



# 5. Origin of legume products



- Degrading production since 1990s
- Dried pulses: Mostly imported
- Fresh market products, frozen and canned products: local production

Where are imported products from?



[www.receptmuhely.hu](http://www.receptmuhely.hu)



## 6. Consumption patterns

- Dried & Fresh: Traditional recipes
- Frozen & canned: Convenience products



[www.mesterszakacs.eu](http://www.mesterszakacs.eu)



## 7. Alternative value added products



- Growing number of conscious consumers
- Low level of local processing and products



[www.biopont.hu](http://www.biopont.hu)



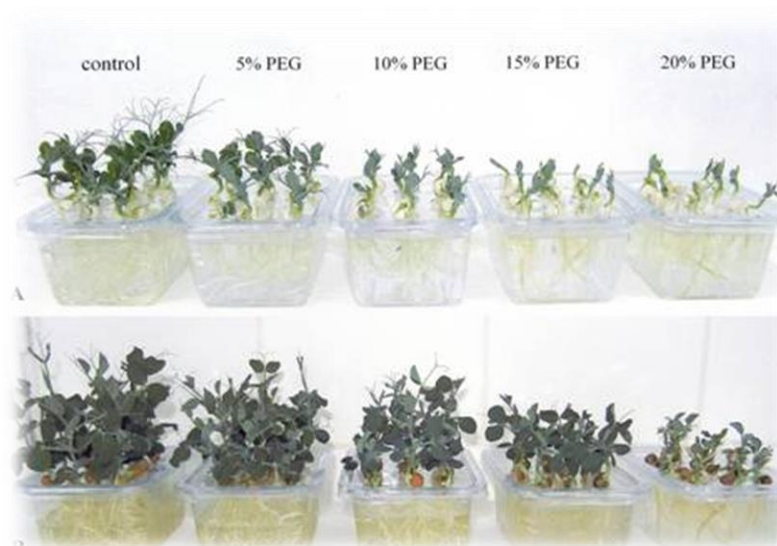


## 8. Opportunities

- Research & Know How
- Breeding
- Gene reserves
- Climatic and natural conditions



[portal.agr.unideb.hu](http://portal.agr.unideb.hu)



[portal.agr.unideb.hu](http://portal.agr.unideb.hu)



## 9. Research Conclusions



- General lack of interest around legumes
- But Hungary is a great place for growing legumes!
- Markets can be found for new/ alternative products!

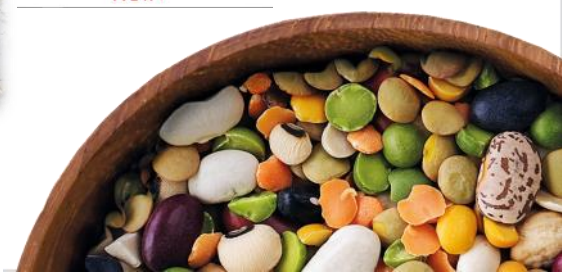
**So what can we do?**



**Provide new products, educate consumers**



# 10. Szezon Kert



# 11. Benefits of legumes in organic farming



- Nitrogen fixation
- Short lifecycle
- Diverse & Adaptable
- Local varieties



# 12. Challenges of production



- Water
- Pest pressure
- Changing climatic conditions



[www.agrotrend.hu](http://www.agrotrend.hu)



# 13. Traditional products



- Peas
- Green Beans
- Dried Beans



# 14. Innovative products: New species/ varieties



- Chickpeas
- Fava Beans
- Adzuki Beans
- Sugar Snap Peas



# 15. Innovative products: New uses



- Edible flowers
- Decorative shoots
- Fresh Chickpeas





# 16. Popularizing new products



# 17. Moving forward: TRUE Variety experiments



# 18. Moving forward: Future plans



[www.thompson-morgan.com](http://www.thompson-morgan.com)



<http://www.foodfirstnl.ca>



<http://horticart.com>



# 19. Conclusions





## General contact information

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**TR**ansition paths to **sU**stainable legume-based systems in **E**urope (**TRUE**) has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 727973

