



# HEALTHY-B toolbox and application of Health Status Index

Collecting and  
Sharing Data on  
**bee health**  
Towards a  
European Bee  
**Partnership**

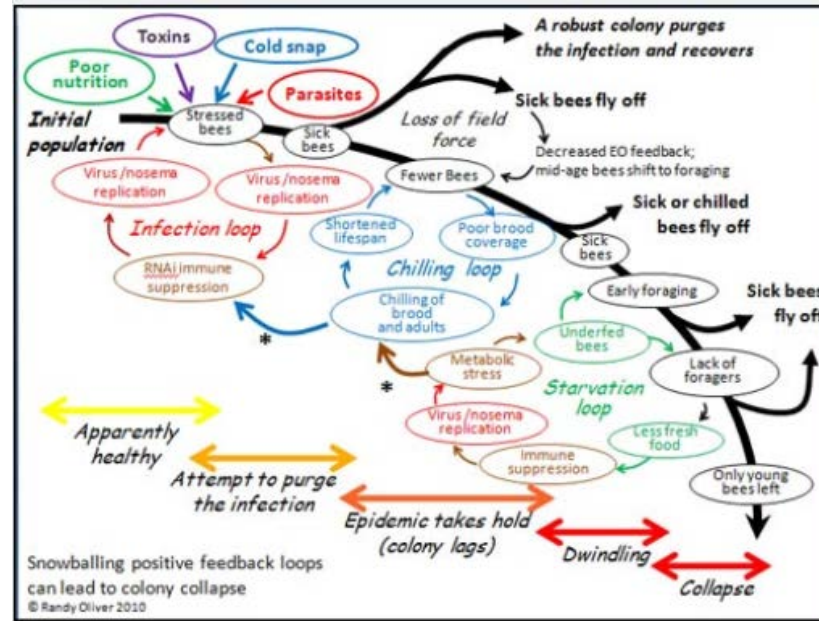
BRUSSELS, 26 JUNE '17

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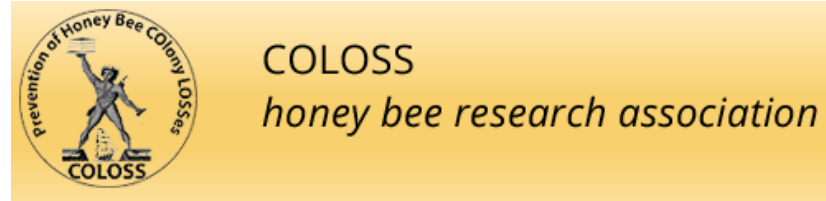
# HOLISTIC BEE HEALTH MONITORING IN THE FIELD



- Which indicators and factors to measure?
- How to integrate the data?



# EXAMPLES OF INITIATIVES ON HARMONISATION OF BEE HEALTH DATA COLLECTION



## German Bee Monitoring Project



### SCIENTIFIC OPINION



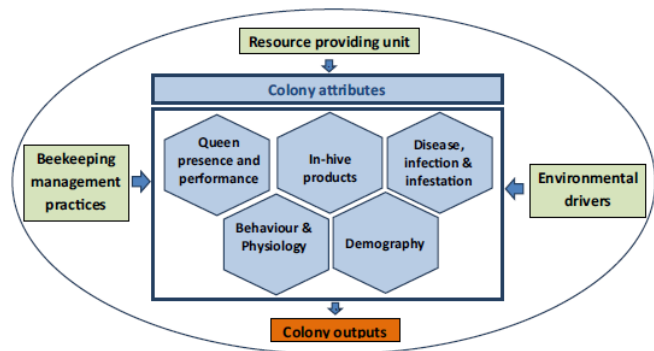
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**Assessing the health status of managed honeybee colonies (HEALTHY-B): a toolbox to facilitate harmonised data collection**

EFSA Panel on Animal Health and Welfare (AHAW)

# CONNECTING ONGOING INITIATIVES

- Beekeepers submitting data once
  - not more data
  - but harmonise data reporting
- Better sharing of data amongst stakeholders
  - discuss the limitations
  - search for drivers to establish WIN-WIN situation
- Connect to non-bee data (e.g. weather, land use)

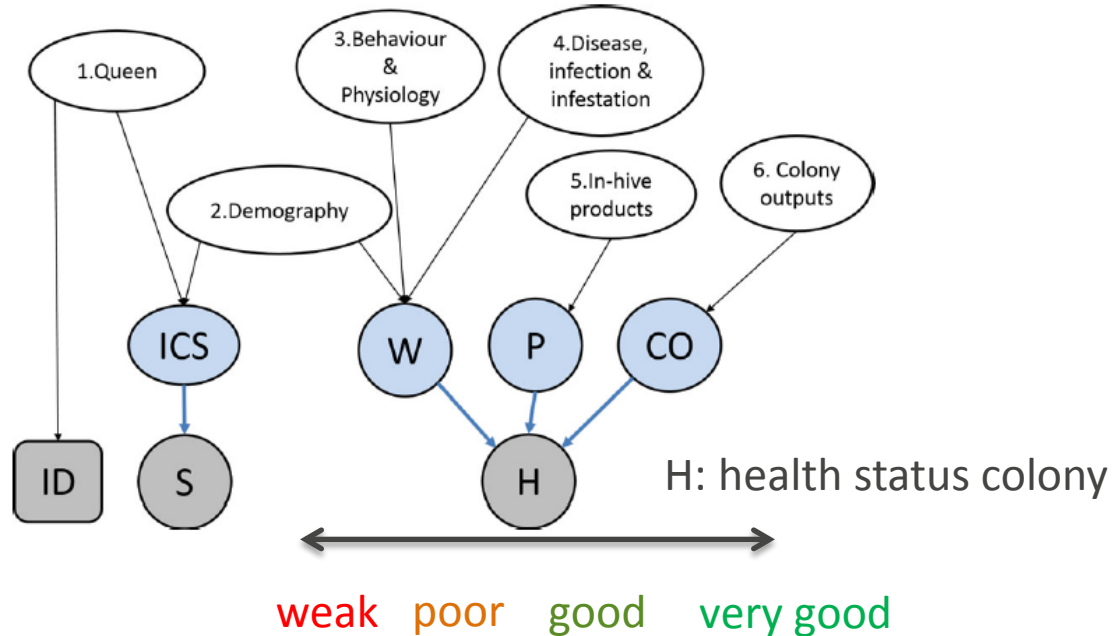


**But how to integrate the obtained data to describe bee health status?**



# HEALTH STATUS INDEX (HSI)

- Integration of data on indicators and factors



- Adapt index based on what should be monitored (e.g. honey production, pollination)

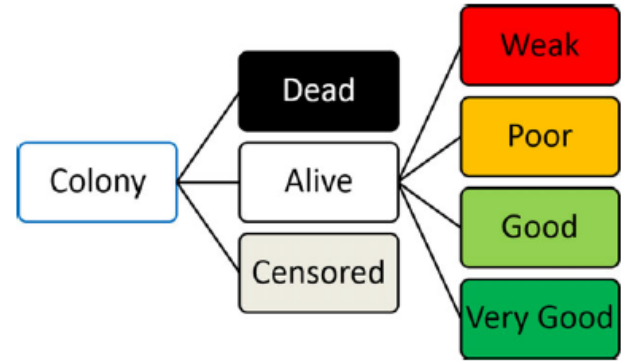


# HEALTH STATUS INDEX (HSI)

- Output at different levels:

- individual colony
- apiary
- regional
- national
- EU

} Aggregation of data at required level



- **Monitoring and comparison of bee health over time and across geographical space**

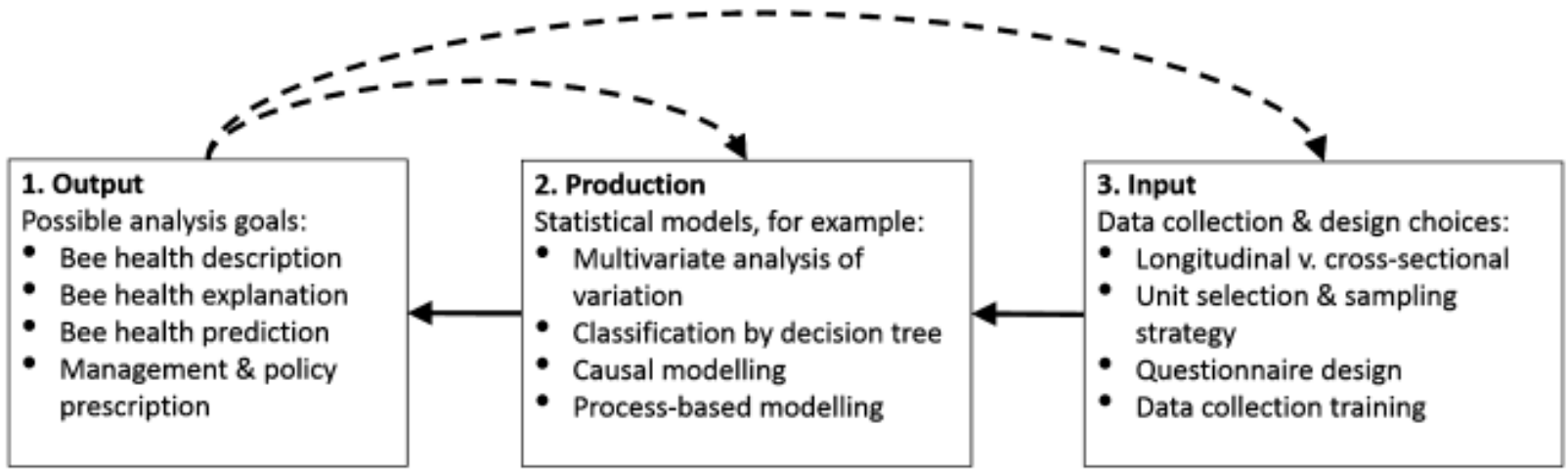


## STAKEHOLDER ENGAGEMENT ON SUSTAINABLE VOLUNTARY DATA COLLECTION AND SHARING

- **Sustainable:** unlikely to find long term resources
- **Voluntary:** there should be a benefit for everybody involved
- **Sharing:** improve return upon investment



# THE OBJECTIVE DEFINES THE DATA NEEDS



- Presentations from different stakeholders:
  - which data have stakeholders available
  - what are their expectations to get in return
- Discussion group 1 in the afternoon