

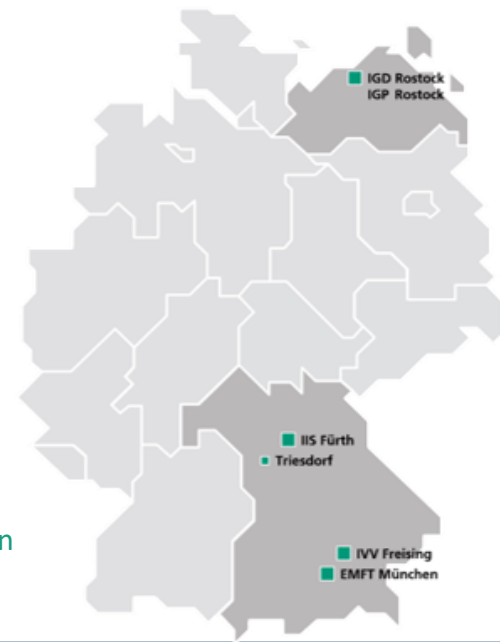
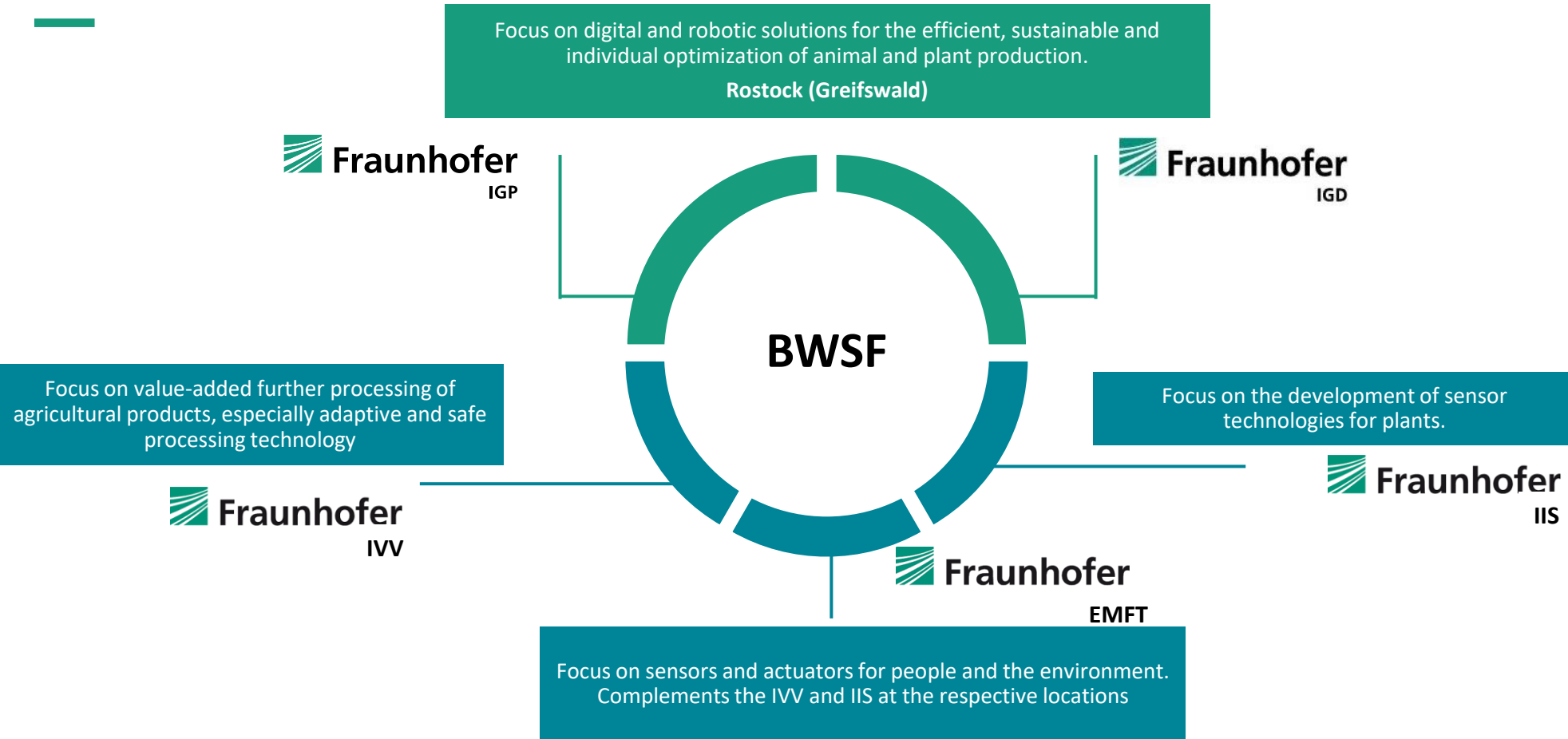
02. September 2022



# Green Rio

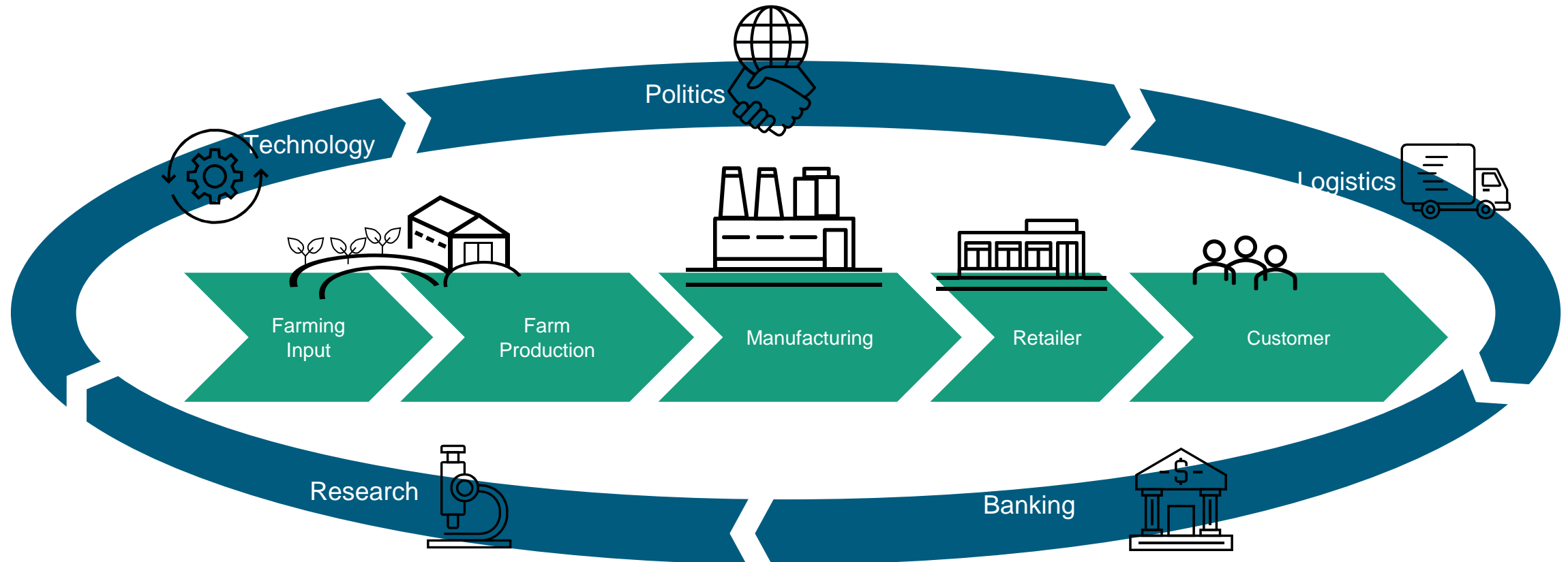
# Biogenic Value Creation and Smart Farming (BVSF) - Network

5 Fraunhofer-Institute – 2 from M-V und 3 from Bayern – built up BVSF -Network



The cooperation is based on complementary, site-specific focal points and includes the development of a common set of methods and the construction of common technology kits in the areas of robotics and automation, sensors, analytics and actuators, AI and big data as well as design, production and process engineering

# Agricultural production as a networked value-added ecosystem



# Animal Welfare

MVP Universal sensor and data platform for animal welfare using cows as an example



# Centre for Biogenic Value Creation and Smart Farming



# How can animal welfare be improved?

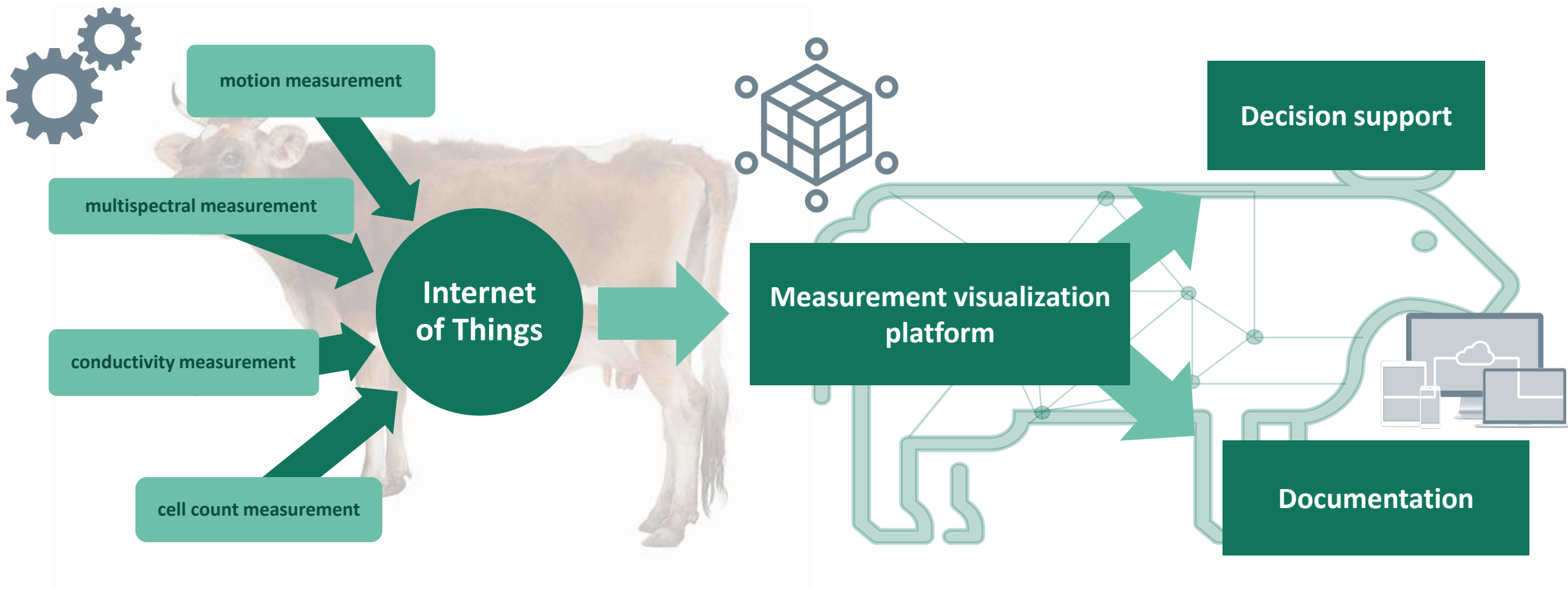


# How can complex data be collected and intuitively illustrated?



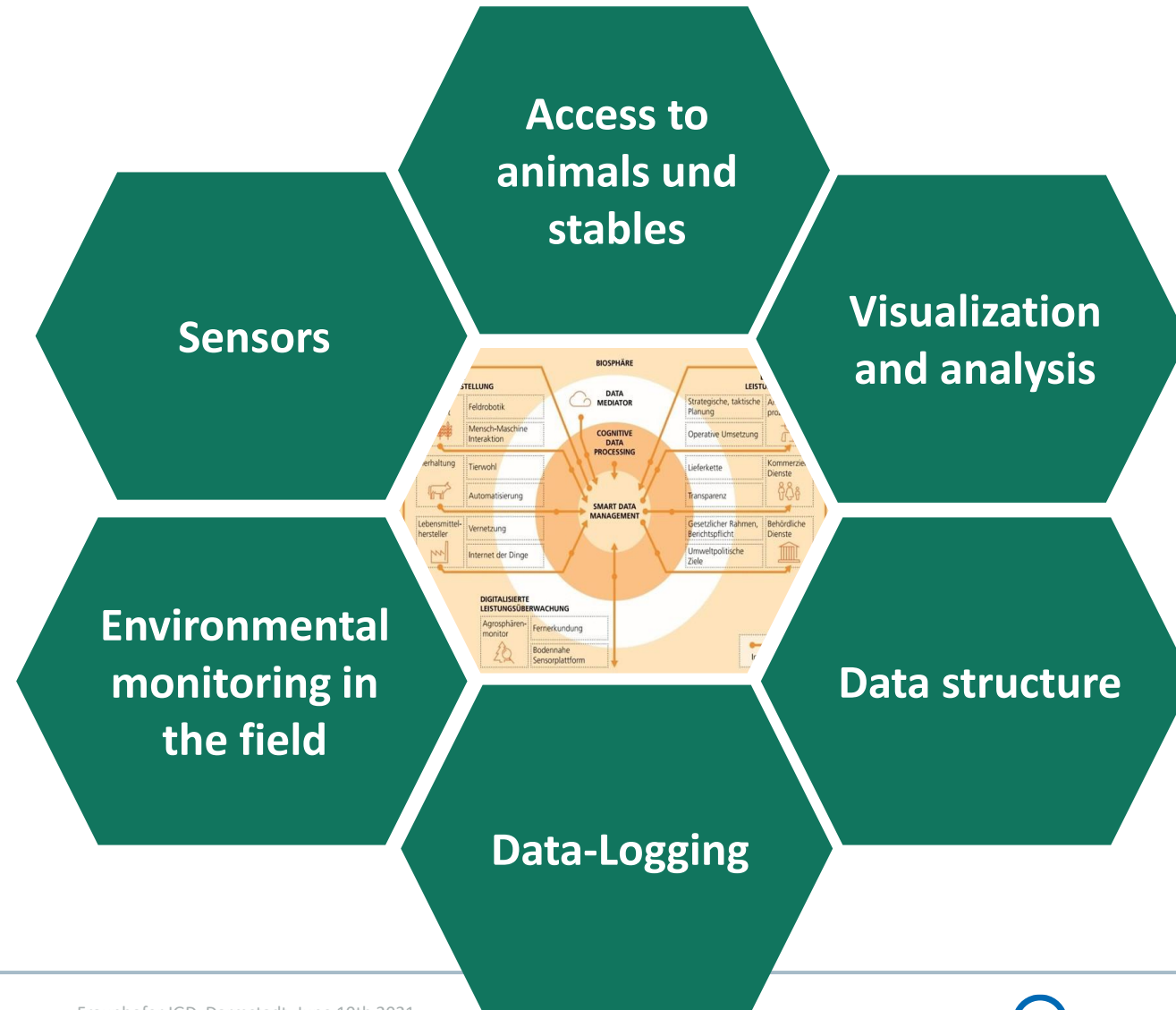
Digital twin of animal and stables

# Sketch digital twin

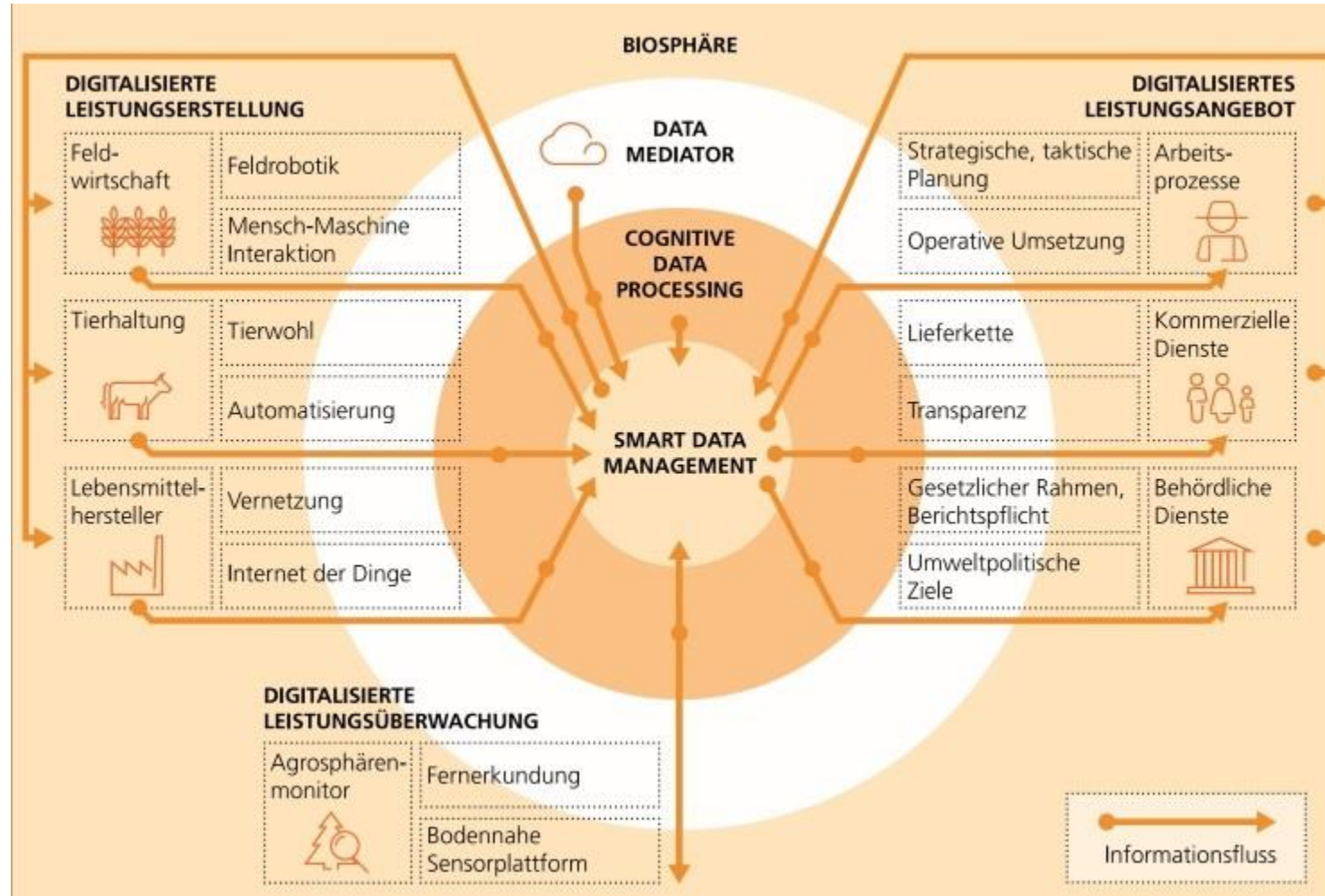




# Capabilities from the center?



# Agricultural data space



# Agricultural Data Space



Obrigado pela sua atenção!