

Additional practice abstracts: Pig Compass (Griskompassen)

As a pig farmer, the health and performance of your herd drives everything. Informed decisions depend on having the right information at the right time. In Sweden, key data for understanding production performance are stored in separate systems and are often difficult to navigate and interpret, so pig producers have therefore relied on annual summaries provided by the animal health organisation that manages the data. But a lot can change between reports, making it difficult to catch the early signs of something unusual.

The Pig Compass (in Swedish “Griskompassen”; link: <https://github.com/decide-project-eu/Griskompassen>) is an interactive dashboard for pig production and health monitoring developed within the DECIDE project by the Swedish Veterinary Agency, in collaboration with the Swedish Farm & Animal Health organisation. It brings the most important data sources together in one place and presents the most relevant key indicators in an intuitive and comprehensive way. With Pig Compass, farmers and their advisors can track production results, weather observations and meat inspection remarks week by week, making it easy to spot trends as they develop. The tool also allows updated benchmarking against the national averages, allowing the user to see where they stand and where there is room for improvement.

Pig Compass is currently in a prototype stage, complete with artificial example datasets to illustrate the functionality of the tool. The tool codebase is openly available for anyone to download and install locally. The aim for the future is to incorporate the tool into the existing member portal of Farm & Animal Health, bringing it to the data and ensuring that the users have access to all their tools in one place. There are also plans to add more data sources to the tool (e.g., medication usage, welfare indi-

cators and diagnostic test results), as well as incorporating an early warning
alert about data aberrations automatically