



Inscription aux Innovact Awards

Catégorie : Etudiant - Catégorie "Campus" / Student - "Campus" Category

Your project

Project name

Virtual-Robot-Farmer

Your innovative use case scenario in one sentence

Virtual robot farmers on planning level (the future of agriculture) will bring efficiencies and benefits based on forecasting of yields.

Sum up your use case scenario

A new vision of robots predicting the yields of e.g. cereals may seem dark and satanic to some, but according to farmers and the government it is the future, and will bring efficiencies and benefits.

An increasing number of data (c.f. big data) are being collected. Based on these data assets virtual robot farmers are capable of planning/forecasting-oriented complex tasks that have not been possible with the well-known educated agricultural experts of the past.

For instance, a "wheat bot" is capable of fine-tuning yield of grain based on step-by-step delivered information units. These bots are under development to check themselves in a consistence-oriented way and in form of multi-layered structure.

We, the researchers in the field of artificial intelligence in cooperation with No-BLE Ideas Project, enthusiastically embrace the prospect of VRF, saying: We want our farmers and food producers to have access to the widest possible range of virtual technologies, from new applications of robotics technology to new controlling aspects and quality assuring approaches.

Your needs

We need: first, stable and standardized connection to Statistical Offices and other data sources.

Parallel: appropriate hardware configuration (application server, database server, security layers, etc.)

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Finally, it is necessary to involve a few professional programming experts for automation of already existing mathematical modules (using similarity analyses).

Your contact

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