



**smart AKIS**  
Smart Farming Thematic Network



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## AFS Connect - PLM Connect



|   |   |
|---|---|
| Title   | AFS Connect - PLMConnect  |
| Title (native language)   |   |
| Category  | <ul style="list-style-type: none"> <li>Farm Management Information System</li> </ul>  |
| Short summary for practitioners (Practice abstract) in English) | PLMConnect / AFS Connect enables you or your fleet manager to connect to your machines from the comfort of your office through the utilization of the mobile network. You can stay in touch with your machines at all times, and you can even send and receive real-time information that saves time and enhances Productivity. |
| Short summary for practitioners                                 |   |
| Website   | <a href="http://agriculture1.newholland.com/eu/en-uk/precision-land-management/products/data-management-telematics/plm-connect-professional">http://agriculture1.newholland.com/eu/en-uk/precision-land-management/products/data-management-telematics/plm-connect-professional</a>   |
| Audiovisual material  |   |
| Links to other websites   |   |
| Additional comments   |   |
| Keywords  | Agricultural production systems   Farming equipment and machinery   |
| Additional keywords   | Telematics, Data Management, Internet of Things, Maintenance  |
| Geographical location (NUTS)                                    | IT  |
| Other geographical location                                     |   |

|                          |   |
|--------------------------|---|
| Cropping systems         |   |
| Field operations         | Tillage   Sowing   Transplanting   Fertilization   Pesticide application   Weed control   Crop protection   Irrigation   Harvesting   Post-harvest storage   Crop and soil scouting |
| SFT users                | Farmer   Contractor   |
| Education level of users | Secondary education   Apprenticeship or technical school education   University education   |
| Farm size (ha)           | 200-500   >500  |

## Company info

|               |   |
|---------------|---|
| Company name  | CNH Industrial  |
| Address       | Via Plava 80, Torino, TO, Italy   |
| Website       | <a href="http://agriculture1.newholland.com/eu/en-uk">http://agriculture1.newholland.com/eu/en-uk</a> |
| Patent status | no patent   |

## Effects of this SFT

|   |               |
|---|---------------|
| Productivity (crop yield per ha)  | Some increase |
| Quality of product  | Some increase |
| Revenue profit farm income  | Some increase |
| Soil biodiversity   | No effect     |
| Biodiversity (other than soil)  | No effect     |
| Input costs   | Some increase |
| Variable costs  | Some increase |
| Post-harvest crop wastage   | No effect     |
| Energy use  | Some increase |
| CH4 (methane) emission  | No effect     |
| CO2 (carbon dioxide) emission   | Some increase |
| N2O (nitrous oxide) emission  | No effect     |
| NH3 (ammonia) emission  | No effect     |
| NO3 (nitrate) leaching  | No effect     |
| Fertilizer use  | No effect     |
| Pesticide use   | No effect     |
| Irrigation water use  | No effect     |
| Labor time  | No effect     |
| Stress or fatigue for farmer  | No effect     |
| Amount of heavy physical labour   | No effect     |
| Number and/or severity of personal injury accidents   | No effect     |
| Number and/or severity of accidents resulting in spills property damage incorrect application of fertiliser/pesticides etc. | No effect     |
| Pesticide residue on product  | No effect     |
| Weed pressure   | No effect     |
| Pest pressure (insects etc.)  | No effect     |
| Disease pressure (bacterial fungal viral etc.)  | No effect     |

## Information related to how easy it is to start using the SFT

|  |            |
|--|------------|
| This SFT replaces a tool or technology that is currently used. The SFT is better than the current tool | disagree   |
| The SFT can be used without making major changes to the existing system                                | disagree   |
| The SFT does not require significant learning before the farmer can use it                             | agree      |
| The SFT can be used in other useful ways than intended by the inventor                                 | agree      |
| The SFT has effects that can be directly observed by the farmer  | no opinion |
| Using the SFT requires a large time investment by farmer   | disagree   |
| The SFT produces information that can be interpreted directly  | no opinion |

[View this technology on the Smart-AKIS platform.](#)

SMART AKIS PARTNERS:



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