*Maximum 15 pages with current typographies.*

Proposal title:

Proposal acronym:

Proposal ID (see online application):

# 1 Proposed Precision Farming solution

*Describe the proposed solution:*

1. *The farm operation supported by the solution*
2. *The components required for the solution (e.g. sensors, decision support, machines, data, ICT) with indication of components being ‘solution internal’ (i.e. delivered with the solution) or ‘solution external’ (i.e. assumed present at the farm)*
3. *R&D required for testing or calibrating components*

# 2 Transnational implementation

*Explain how the PF solution is implemented in relevant or operational environments in at least three countries. For each country describe:*

1. *National dependencies of ‘solution external’ components*
2. *The providers of ‘solution external’ components*
3. *Adaption of user interfaces to spoken language*

# 3 Work plan

*Describe the planned work:*

1. *Milestones showing the progress of work over time*
2. *For each milestone, the nature of work, the expected outcome and the partners involved*

# 4 TRL (Technology Readiness Level) at start of project

*Indicate the TRL at start*

# 5 TRL (Technology Readiness Level) at end of project

Indicate the TRL at end

# 6 Compatibility and standardisation

*Describe the compatibility and indicate the standards of the solution (references to on-going development as adequate)*

# 7 Industry involvement

*Describe the industry involvement, as appropriate*

# 8 Adoption

*Provide a short adoption analysis, including: Utility in different farming systems and geographical areas; compatibility with existing systems; social factors influencing farmer uptake; cost-benefit analysis.*

# 9 Exploitation

*Provide a short exploitation, including any plans for commercialisation of the Precision Farming solution.*

# 10 Dissemination

Provide a short description of intended dissemination of results from the project

1. *Software*
2. *Technical specification*
3. *Demonstrations*
4. *Farmer oriented publications*
5. *Conferences*
6. *Scientific papers*

# 11 Researcher mobility and career

Provide a short description of intended activities concerning researcher mobility and career

1. *Training through research (i.e., the knowledge and experience gained through undertaking the funded project)*
2. *Secondments between industry and academia or between different disciplines (e.g., ICT and agriculture).*
3. *Transferable skills training (e.g., IP management, grant writing skills, entrepreneurship, leadership etc.)*
4. *Discipline-specific training (e.g., new techniques, training in the use of particular instruments etc.)*