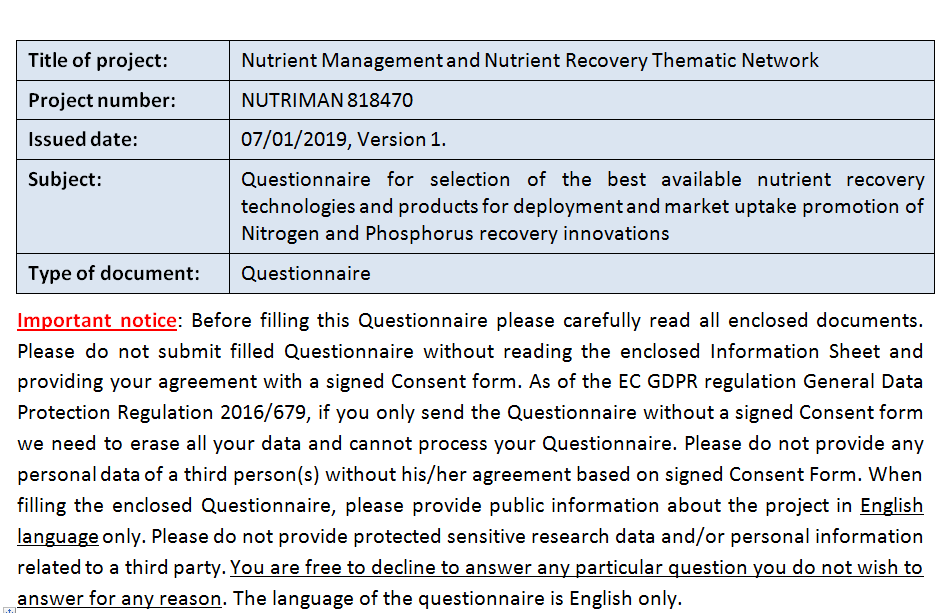
**EUROPEAN NUTRIENT RECYCLING CONTEST QUESTIONNAIRIE**

**For selection of the best available nutrient recovery technologies and products.**

***Deployment/market uptake promotion of Nitrogen/Phosphorus recovery innovations***

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| **PART I. Data provider/CONTACT person**  **Data Provider is the person filling in this Questionnaire and signing the Consent Form**  **(Project Coordinator or Technology and/or Product owner):** | | |
| Name and status of the responsible data provider : | |  |
| Organisation: | |  |
| Contact details (your address, e-mail, telephone): | |  |
| Job title: | |  |
| **PART II: PROJECT related questions:** | | | |
| Project Full Title: | |  | |
| Project acronym: | |  | |
| Project website: | |  | |
| Name of the Programme (EU FP7, H2020, LIFE, national project or others) | |  | |
| Contract number: | |  | |
| Project duration: | |  | |
| Status of the project: | | (on going, finished.. etc.) | |
| Name of the coordinator organisation and coordinator:  In the case of you are a Project Partner a signed Consent Form is also needed from the Project Coordinator. Otherwise please do not send any personal data (e-mail, telephone, etc.) of third person. | |  | |
| Coordinator contact (e-mail):  In the case of you are a Project Partner a signed Consent Form is also needed from the Project Coordinator. Otherwise please do not send any personal data (e-mail, telephone, etc.) of third person. | |  | |
| List of project partners, or web links: | |  | |
| Short summary of the project (max chk 500) | |  | |

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| **PART III: technologies**  **Questions related to the practice oriented**  **Nitrogen and/or Phosphorus recovery technologies.** | |
| Name of the technology: |  |
| Qualified and quantified technology description:  (max chk 3,000) | * processing aim, process conditions , feed flexibility and description: * energy/water use: * added value innovative technical content: * location: * emissions and environmental/climate impacts (as of EU/MS regulations): |
| **INPUT** tons/year  and tons/hour: | * input material(s) specs, input material availability in economical industrial scale, logistics and cost/ton: * at minimum economical industrial scale: * scale up options: |
| **OUTPUT** tons/year and tons/hour: | * at minimum economical industrial scale: * N/P nutrient concentration % and plant availability: * Fertilizing product category selection[[1]](#footnote-1): |
| Maturity and status description:  (max chk 1,000) | * development legend: * TRL/IRL[[2]](#footnote-2) level or beyond: |
| Market competitive economics:  (max chk 1,000) |  |
| CAPEX in EURO | Capital Expenditure for economical industrial scale: |
| OPEX in EURO | Operational Expenditure for economical industrial scale: |
| Technology owner (s) and contacts:  If you are not the technology owner, a signed Consent Form is needed from the technology owner. Otherwise please do not send any personal data of third person. |  |
| IPR status: | (Intellectual property rights, such as industrial properties (industrial designs, models, know-how, patents) and copyrights, trademarks. |
| EC/MS Authority permits: | Permit number:  Issuing Authority:  Permit area:  Permit validity : |
| Short public summary of the technology:  (max chk 1,000) |  |

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| **PART IV: PRODUCTS**  **Questions related to the practice oriented recovered**  **Nitrogen and/or Phosphorus fertilizing products.** | |
| Name of the product: |  |
| Fertilizing product category selection as of EC Fertilizers Regulation revision COM (2016) 157 [[3]](#footnote-3): | Please select from the following list:   1. **FERTILIZERS** 2. Organic fertilizers 3. Organo-mineral fertilizers 4. **OTHER PRODUCTS**    1. Growing media    2. Soil improvers    3. Liming materials    4. Plant bio-stimulants    5. Agronomic additives |
| Status of the product development incl. TRL/IRL level[[4]](#footnote-4) in 2019: |  |
| Product owner (s) and contacts:  If you are not the product owner, a signed Consent Form is needed from the product owner. Otherwise please do not send any personal data of third person. |  |
| Input material(s) specification: |  |
| Quality characterization (Nutrients) as of EC Fertilizers Regulation revision COM (2016) 157[[5]](#footnote-5): | Overall texture of the product (granulometry, moisture…)  Organic carbon content (% of dry matter by weight):  Total carbon content (% of dry matter by weight):  Total Nitrogen content % dry matter:  Phosphorus content mg/kg dry matter:  Other macro and micro elements (mg/kg dry matter):  Plant available nutrient content % (e.g water soluble, citric acid soluble nutrient content):  Dry matter content:  Particle density (g cm-3):  pH: |
| Product safety as of EC Fertilizers Regulation revision COM (2016) 157[[6]](#footnote-6):: | Metals/metalloids: As, Cd, Cr, Cu, Hg, Ni, Pb, Zn (mg/kg dry matter):  PAH16 or PAH19 (mg/kg dry matter):  PCB6 (mg/kg dry matter):  PCDD/F (ng WHO Toxicity equivalents/kg dry matter): |
| In which EU countries and at what scale has your product been tested? |  |
| Has your product been tested under real farming conditions? |  |
| Is there any survey about the users' needs of acceptability? |  |
| Product economics, EXW whole sale:€cost/ton: | (EXWorks product availability at manufacturers location for professional large scale users) |
| User recommendations:  (max chk 1,000) | (incl. doses/ha, application conditions, formulations, aso…) |
| IPR status: | (Intellectual property rights, such as industrial properties (industrial designs, models, know-how, patents) and copyrights, trademarks. |
| EC/MS Authority permits for product use: | Permit number:  Issuing Authority:  Permit area:  Permit validity (crops): |
| Short public summary of the product:  (max chk 1,000) |  |

Any additional information you would like to share:

1. <https://ec.europa.eu/transparency/regdoc/rep/1/2016/EN/1-2016-157-EN-F1-1.PDF>

   <http://www.europarl.europa.eu/RegData/etudes/BRIE/2016/582010/EPRS_BRI(2016)582010_EN.pdf> [↑](#footnote-ref-1)
2. <https://nutriman.net/sites/default/files/2019-01/TRL_IRL_Technology_Readiness_Levels.pdf> [↑](#footnote-ref-2)
3. <https://ec.europa.eu/transparency/regdoc/rep/1/2016/EN/1-2016-157-EN-F1-1.PDF> [↑](#footnote-ref-3)
4. <https://nutriman.net/sites/default/files/2019-01/TRL_IRL_Technology_Readiness_Levels.pdf> [↑](#footnote-ref-4)
5. <https://ec.europa.eu/transparency/regdoc/rep/1/2016/EN/1-2016-157-EN-F1-1.PDF> [↑](#footnote-ref-5)
6. <https://ec.europa.eu/transparency/regdoc/rep/1/2016/EN/1-2016-157-EN-F1-1.PDF> [↑](#footnote-ref-6)