

VOUCHER SCHEME RELATED TO THE FREE-OF-CHARGE USE OF POLYTEC EQUIPMENT FOR NIRS INSECT DETECTION IN GRAIN STORAGE

Guidance for bidders

1. LEGAL FRAMEWORK FOR DODILog VOUCHER

- [Interreg North-West Europe](#) is a European Territorial Cooperation programme fostering transnational cooperation to make the area more resilient, and to contribute to a better quality of life and well-being of all citizens.
- The North West Europe (NWE)'s area involves Belgium, the Netherlands, Ireland, Luxembourg, parts of France and Germany as well as Switzerland (<https://www.nweurope.eu/programme-area>)
- [DODILog](#) is a €5.5m project co-financed by ERDF (European Regional Development Fund) under Interreg NWE (<https://dodilog.nweurope.eu>)
- A "Voucher scheme" is an instrument which serves to confirm a certain transaction. Vouchers can be used in Interreg in exchange for services to be rendered, or goods (equipment) to be provided, as a simplified grant or small-scale subsidy. The Voucher has a fixed value. See [Council Directive \(EU\) 2016/1065 of 27 June 2016](#).

2. DODILog PROJECT CONTEXT

- The DODILog regions and peri-urban areas with their ports are key production/storage/export hubs for potatoes & grains, the most common staple food in NWE's diet. However, these highly sensitive products, especially if organic, are easily subject to decay (sprouting/rot due to heat/moisture/mechanical stress/unbalanced gas levels) or disease/pathogen attacks (fungi/pest infestation).
- DODILog brings together transnational multi-disciplinary partners (cargo owners/movers/keepers; scientific/technology/infrastructure providers) with diverse expertise and enable storage operators to **test techniques, processes, tools that extend the post-harvest shelf-life of raw tubers and grains as well as reduce crop and financial losses**.
- The expected change is that this economically important fresh agri-food value chain will be strengthened thanks to the increased capacity of storage hubs to innovate, by integrating smart early detection & quality preservation applications into existing monitoring systems with the help of practice-oriented companies along the northern France-Belgium-Netherlands-Germany routings (NWE upper part of the Atlantic & North Sea-Mediterranean TENT-T corridors).

3. VOUCHER TYPE AND CONTENT

- The project's activities include piloting and validating early risk detection applications in laboratories and real-life conditions. Advanced non-destructive practices to better control grain in warehouses and silos are foreseen, including [NEAR INFRARED SPECTROSCOPY \(NIRS\) FOR INSECT EARLY DETECTION](#) to improve the recognition and management of infested batches in storage/dispatch facilities, especially in ports that, due to their operations/equipment, are particularly vulnerable to contamination.

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- Within this framework, **DODILog is looking for max 2 GRAIN (WHEAT/BARLEY) SILOS/WAREHOUSE OPERATORS located in [NWE](#) willing to allow the project to test NIRS technology for insect detection in their premises together with the project partnership.**
- Type of benefit to be received by bidder:
 - **temporary free-of-charge “lease” and on-site availability of Polytec’s Advanced NIR Process Spectrometer system which includes: spectrometer named PAS, PAS Software, sensor head, optical fibers, a terminal box connected to a computer, a multiplexer)**
 - free-of-charge “lease” period: 5 days for on-site NIRS insect detection’s trials
 - value of DODILog Voucher granted: €22.000 in aid (in the form of free-of-charge “lease” period)
- Voucher Application requests:
 - **max 2 Application requests from 2 separate Voucher bidders**
- Via the DODILog Voucher scheme the NIRS tests with the abovementioned equipment will be carried out by the DODILog partners [Polytec](#) and [Arvalis](#) with the support of the awarded bidders in 2 steps:
 - On a conveyor belt,
 - On a grain descent column during sampling.

4. ELIGIBILITY CRITERIA FOR VOUCHER BIDDERS

- Being a grain (wheat and/or barley) silos and/or warehouse owner/manager
- Being located in NWE, preferably within or close to a port area
- Meeting the technical requirements as per Annex “[DODILog project - conditions for carrying out tests in a real environment with PSS Polytec](#)” concerning the possibility to integrate Polytec equipment into the bidder’s existing facility and receiving wheat/barley
- Knowledge of the Interreg NWE languages (French, German, Dutch) and English.

5. BIDDERS REQUIREMENTS AND OBLIGATIONS

- provide access to DODILog PP to the storage facility during testing and monitoring;
- cooperation in testing with DODILog partners Politec and Arvalis’s staff
- awareness of being final recipient of EU aid & State Aid implication

6. EXCLUSION CRITERIA

- being recipient of a similar service funded by other EU funding for the same purposes
- being outside the NWE
- not meeting at all the technical requirements as per Annex “[DODILog project - conditions for carrying out tests in a real environment with PSS Polytec](#)”
- being in financial difficulties.

7. SELECTION CRITERIA

	POINTS (100)
Technical requirements match	85
Languages	5
Resources and days available (e.g. cooperating staff)	5

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Being located in Port area	2
Other (pilot promotion contribution)	2
Financial stability (company's declaration provided)	1

8. APPLICATION PROCESS

- All applications requests from bidders will be evaluated by a panel of DODILog project partners Polytec and Arvalis (3 people), who will decide whether to award the voucher and to which bidder.
- The panel will let you know the outcome in writing within ca. 15 days from the Application deadline (see schedule in point 9. below).
- The Panel might ask a Voucher bidder to provide further information before they decide, should something not be clear in the Guidance document.
- Queries on the content of the Voucher scheme can be asked by Applicants until max 20 July 2026.

9. VOUCHER SCHEME SCHEDULE

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| • Call published | 8th July 2026 |
| • Submission of replies | by 31st July 2026 |
| • Selection and award of Voucher winner | by 31st August 2026 |
| • Transport of Polytec material | September 2026 (date to be agreed by Polytec/winner) |
| • 5 days of testing | October 2026 |
| • Test evaluation | November-December 2026 |

10. QUERIES & CONTACTS

Queries on the Voucher and Voucher Application requests must be sent in writing to:

Stephane Pouillot, s.pouillot@polytec.fr

11. DEADLINE FOR SUBMISSION

31 July 2026