

114175-2026 - Planning

Finland – Laboratory, optical and precision equipments (excl. glasses) – MARKET SURVEY: laboratory-scale biogas reactors for the Natural Resources Institute Finland.

OJ S 34/2026 18/02/2026

**Prior information notice or a periodic indicative notice used only for information
Supplies**

1. Buyer

1.1. Buyer

Official name: Luonnonvarakeskus

Email: kirjaamo@luke.fi

Legal type of the buyer: Public undertaking, controlled by a central government authority

Activity of the contracting authority: General public services

2. Procedure

2.1. Procedure

Title: MARKET SURVEY: laboratory-scale biogas reactors for the Natural Resources Institute Finland.

Description: With this market survey/ prior information notice Natural Resources Institute Finland (Luke) surveys the market and requests information from suppliers concerning the procurement of laboratory-scale biogas reactors . The preliminary procurement target is laboratory-scale continuously stirred tank reactors (CSTRs) for research purposes. Reactors must be suitable for studying process performance, especially the methane production and digestate quality, of anaerobic digestion of various types of biomass: slurries, sludges, manures, and also drier materials (plant biomass, food waste, etc.) as a co-feedstock. Equipment is needed for semi- or fully continuous operation with regular feeding and regular or continuous removal of digestate. Reactors must be equipped with adjustable stirring and temperature control; the heating mechanism must ensure a stable temperature. The equipment must be gas-tight, including for hydrogen. Gas volumes and gas composition must be measurable. The preliminary estimate of the reactor volume is 5–15 liters. The operating parameter data (e.g. temperature) and optional measurements (gas volume, gas composition) must be stored electronically. The estimated requirement is two units, with an option for an additional two units. The procurement entity invites the interested suppliers to participate in a market dialogue by sending their expression of interest and contact details (contact person, e-mail address) by e-mail to kirjaamo@luke.fi and copy to hankintatuki@luke.fi preferably by 6th of March 2026 at the latest. The e-mail should be titled/identified with a mark "Market Survey LUKE/505/02.10.01.00.05/2026 Laboratoriomittakaavan biokaasureaktoreiden hankinta Luonnonvarakeskukselle". The procurement entity may also send further questions and/or draft procurement documents to interest suppliers for comments by email. The schedules presented and other information presented in this notice, such as the planned course of the market dialogue, are preliminary information that may change as the preparation progresses. This market consultation and the information provided in it do not bind or oblige the parties to anything, and do not oblige the procurement entity to make a purchase. All information provided is treated as confidential. Participants of the market consultation are not compensated for participating in the market dialogue, nor for the costs incurred by participating. Participating in the market consultation shall not prevent the supplier from

participating in the actual tender, and responding to the market consultation does not affect the supplier's position in the actual tender. The actual call for tenders will be published through the electronic tender service during spring 2026.

Internal identifier: LUKE/505/02.10.01.00.05/2026

2.1.1. Purpose

Main nature of the contract: Supplies

Main classification (cpv): 38000000 Laboratory, optical and precision equipments (excl. glasses)

2.1.2. Place of performance

Country subdivision (NUTS): Helsinki-Uusimaa (FI1B1)

Country: Finland

2.1.4. General information

Legal basis:

Directive 2014/24/EU

3. Part

3.1. Part: PAR-0000

Title: MARKET SURVEY: laboratory-scale biogas reactors for the Natural Resources Institute Finland.

Description: With this market survey/ prior information notice Natural Resources Institute Finland (Luke) surveys the market and requests information from suppliers concerning the procurement of laboratory-scale biogas reactors. The preliminary procurement target is laboratory-scale continuously stirred tank reactors (CSTRs) for research purposes. Reactors must be suitable for studying process performance, especially the methane production and digestate quality, of anaerobic digestion of various types of biomass: slurries, sludges, manures, and also drier materials (plant biomass, food waste, etc.) as a co-feedstock. Equipment is needed for semi- or fully continuous operation with regular feeding and regular or continuous removal of digestate. Reactors must be equipped with adjustable stirring and temperature control; the heating mechanism must ensure a stable temperature. The equipment must be gas-tight, including for hydrogen. Gas volumes and gas composition must be measurable. The preliminary estimate of the reactor volume is 5–15 liters. The operating parameter data (e.g. temperature) and optional measurements (gas volume, gas composition) must be stored electronically. The estimated requirement is two units, with an option for an additional two units. The procurement entity invites the interested suppliers to participate in a market dialogue by sending their expression of interest and contact details (contact person, e-mail address) by e-mail to kirjaamo@luke.fi and copy to hankintatuki@luke.fi preferably by 6th of March 2026 at the latest. The e-mail should be titled/identified with a mark "Market Survey LUKE/505/02.10.01.00.05/2026 Laboratoriomittakaavan biokaasureaktoreiden hankinta Luonnonvarakeskukselle". The procurement entity may also send further questions and/or draft procurement documents to interest suppliers for comments by email. The schedules presented and other information presented in this notice, such as the planned course of the market dialogue, are preliminary information that may change as the preparation progresses. This market consultation and the information provided in it do not bind or oblige the parties to anything, and do not oblige the procurement entity to make a purchase. All information provided is treated as confidential. Participants of the market consultation are not compensated for participating in the market dialogue, nor for the costs incurred by participating. Participating in the market consultation shall not prevent the supplier from

participating in the actual tender, and responding to the market consultation does not affect the supplier's position in the actual tender. The actual call for tenders will be published through the electronic tender service during spring 2026.

Internal identifier: LUKE/505/02.10.01.00.05/2026

3.1.1. Purpose

Main nature of the contract: Supplies

Main classification (cpv): 38000000 Laboratory, optical and precision equipments (excl. glasses)

3.1.2. Place of performance

Country subdivision (NUTS): Helsinki-Uusimaa (FI1B1)

Country: Finland

3.1.5. General information

The procurement is covered by the Government Procurement Agreement (GPA): yes

3.1.6. Procurement documents

Address of the procurement documents: <https://tarjouspalvelu.fi/luke?id=598457&tpk=04811cdf-974c-4d62-bbec-ef4eb512ec25>

3.1.9. Further information, mediation and review

Review organisation: Markkinaoikeus

8. Organisations

8.1. ORG-0001

Official name: Luonnonvarakeskus

Registration number: 0244629-2

Postal address: PL 2 (Latokartanonkaari 9)

Town: Helsinki

Postcode: 00791

Country subdivision (NUTS): Helsinki-Uusimaa (FI1B1)

Country: Finland

Contact point: Kirjaamo

Email: kirjaamo@luke.fi

Telephone: +358 295326000

Internet address: <https://www.luke.fi>

Roles of this organisation:

Buyer

8.1. ORG-0002

Official name: Markkinaoikeus

Registration number: 3006157-6

Postal address: Radanrakentajantie 5

Town: Helsinki

Postcode: 00520

Country subdivision (NUTS): Helsinki-Uusimaa (FI1B1)

Country: Finland

Email: markkinaoikeus@oikeus.fi

Telephone: +358 295643300

Internet address: <https://www.markkinaoikeus.fi>

Roles of this organisation:

Review organisation

8.1. ORG-0003

Official name: Hansel Oy (Hilma)

Registration number: FI09880841

Postal address: Mannerheiminaukio 1a

Town: Helsinki

Postcode: 00100

Country subdivision (NUTS): Helsinki-Uusimaa (FI1B1)

Country: Finland

Contact point: eSender

Email: tekninen@hankintailmoitukset.fi

Telephone: 029 55 636 30

Internet address: <http://hankintailmoitukset.fi>

Roles of this organisation:

TED eSender

Notice information

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