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## End-user certificate (EUC) for dual-use goods

1. Name of supplier: ETH (Swiss Data Science Center)
2. Description of the goods, software or technology: CryoTel® CT Stirling Cryocooler from Sunpower / AMETEK Inc. (<https://www.sunpowerinc.com/>)
3. Quantity: 2
4. Will the goods be incorporated? No ☐ Yes ☒  
If yes, into which product: One unit is incorporated into the Trace Gas Extraction Unit (TREX); the second unit is a spare for the TREX system
5. The goods, software or technology will only be used for (end-use): The Stirling cooler cools the trap to -148 C to trap N2O for isotopic monitoring
6. Will the goods be used for military purposes? No ☒ Yes ☐  
If yes, the application must be specified:
7. Value in CHF: 20 000 CHF
8. Will the goods be distributed to third parties? No ☒ Yes ☐  
If yes, specify the end-user and its address:
9. Full name and complete address of the end-user (incl. phone, fax, e-mail and website) and end-use location:
 

**User:** Eliza Harrid, Turry Ouma, Phillip Agredazywczuk  
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Project website: <https://www.datascience.ch/projects/n2o-ssa>

### Importer / receiver in Nairobi, Kenya:

International Livestock Research Institute (ILRI)  
Attn: Sonja Leiter / Yuhao Zhu  
Old Naivasha Rd, Nairobi, Kenya  
Local contacts: Yuhao Zhu, [Y.Zhu@cgiar.org](mailto:Y.Zhu@cgiar.org) /  
Sonja Leitner [S.Leitner@cgiar.org](mailto:S.Leitner@cgiar.org)

**Final use location:** University of Eldoret, main campus

Outreach and International Students Center

30100 Eldoret, Kenya

Local contacts:

Abigael Otinga, amarishas@yahoo.com / Ruth  
Njoroge, runjoro3@yahoo.com

10. I (we) certify:

- That the goods will be used only for the purpose stated and not be used in any nuclear explosive activity or unsafeguarded nuclear fuel-cycle activity or for the design, development, production, storage or use of nuclear, chemical and biological weapons or their delivery systems and for facilities engaged in such activities; the goods will also not be used for the development and the production of anti-personnel mines and cluster munition;
- That the goods will be delivered only to customers considered absolutely reliable in this regard;
- That I (we) will not transfer the goods, technology or software to a third country without the consent of the Swiss State Secretariat for Economic Affairs SECO. However, no consent is necessary for the re-export to the following countries: Argentina, Australia, Austria, Belgium, Bulgaria, Canada, Czech Republic, Denmark, Finland, France, Germany, Greece, Great Britain, Hungary, Ireland, Italy, Japan, Luxemburg, Netherlands, New Zealand, Norway, Poland, Portugal, Republic of Korea, Spain, Sweden, Turkey, Ukraine and United States of America.

**Place and date:**

20.09.2023

**Original signature of the end-user or government official**

(Name and job title of signer in block letters)

ELIZA HARRIS, SENIOR SCIENTIST



**Company stamp or official seal:**