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### III: Lessons learned

Since its certification by CTBTO into the IMS network, a total of eight SAUNA III systems and one SAUNA III laboratory have been installed in the field and Several additional upgrades are on the way. Four of the installed systems are in the IMS network and the others are independent customers in Europe and the Middle East. On this poster we report on the lessons learned from the first years of operation and on how these experiences are taken into account to improve the quality, reliability, and long-term sustainability of our systems. Experiences has been made in the technical aspect, such as extending MTBF for pumps and valves, improving serviceability and adjusting preventive maintenance intervals to keep the systems in perfect condition. The goal of all improvements are to make SAUNA III the most competent and reliable system in the Noble Gas detection arena, but also to build the best service organization to meet customers high demands.

#### E-mail

andreas.karlsson@scientaenvinet.com

#### In-person or online preference

**Primary author:** Mr KARLSSON, Andreas (Scienta Sauna Systems AB)

**Presenter:** Mr KARLSSON, Andreas (Scienta Sauna Systems AB)

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