

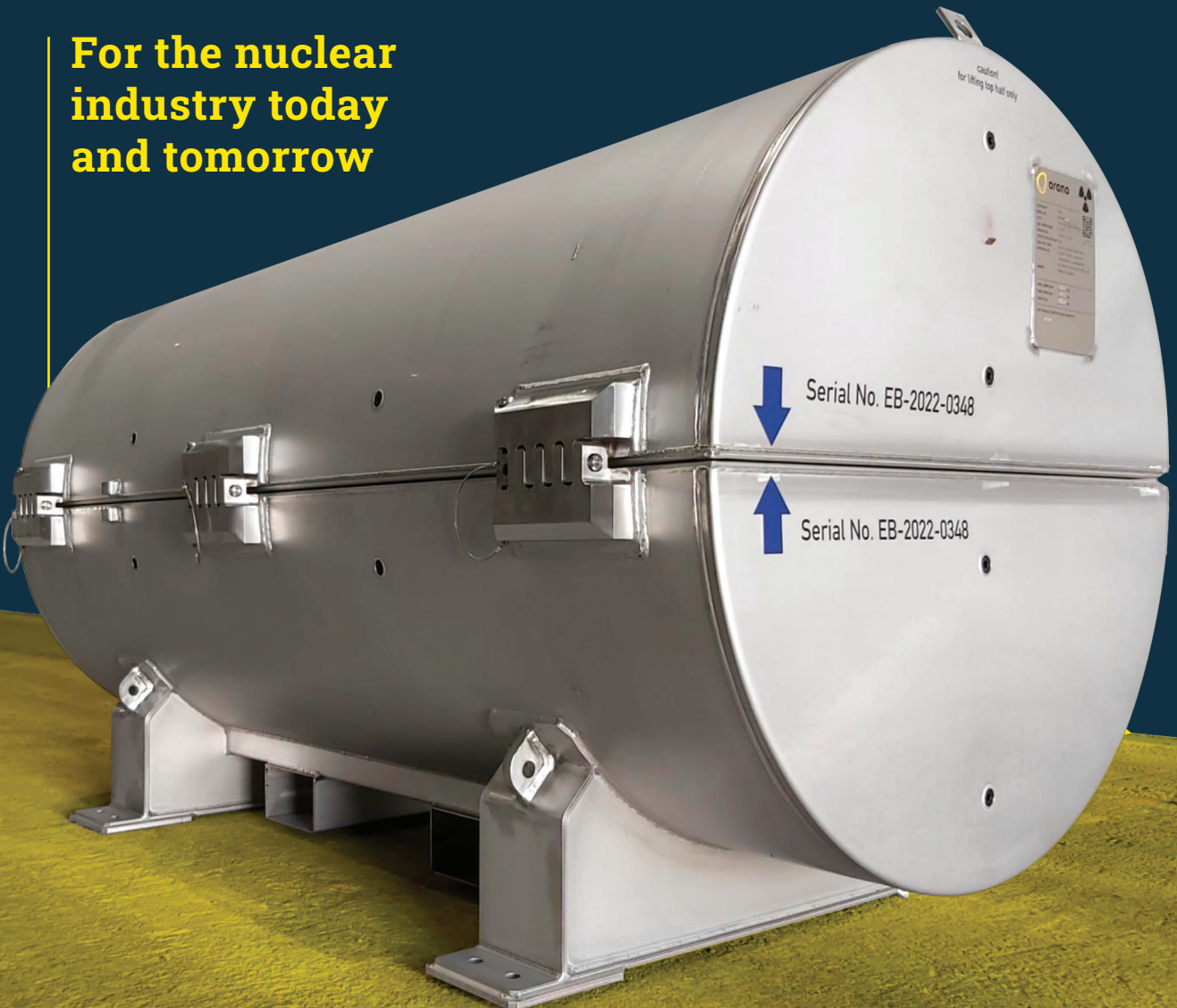


orano
Giving nuclear energy its full value

DN30

SHARING GROUP

**For the nuclear
industry today
and tomorrow**



AN INNOVATIVE SERVICE FOR GREATER COMPETITIVENESS

- The UX fleet of containers owned by each market player were underutilized, tying up financial resources, and incurring high maintenance and storage costs
- A need for UF₆ transportation flexibility (management of load peaks and lulls)
- A new need for LEU+ and HALEU cylinders



THE DN30 SHARING GROUP : A NEW SERVICE MODEL FOR TRANSPORTING ENRICHED UF₆ URANIUM

A new innovative service for nuclear transportation based on the car-sharing model, built around the principle of packaging use rather than individual ownership.

- Optimized fleet management : supply in response to customer request
The use of **powerful, innovative tools** (AI and real-time tracking) to manage flows and ensure 100% container availability

- Zero Capex:** Sharing a fleet of containers saves on investment and maintenance by offering a fleet sized to meet regular needs and peak loads for more sustainable long-term management.

- No maintenance or storage to be managed:** Centralized fleet management centers for DN30 storage, inspection, maintenance and recertification (in Europe, Asia and the USA).

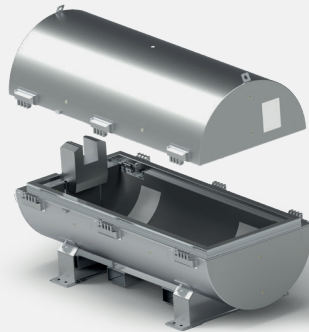


A COMMUNITY OF USERS

The purpose of the DN30 User Group is to provide an online space for interaction between key DN30 container users who share the same vision of ensuring operational safety and serving the best interests of the nuclear industry.

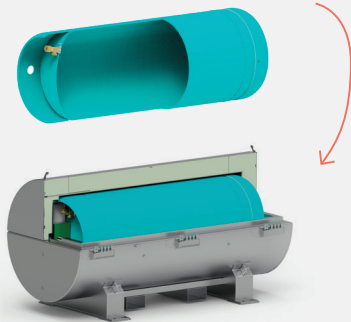
WOW

DN30 : STATE-OF-THE-ART CONTAINMENT FOR GREATER SAFETY



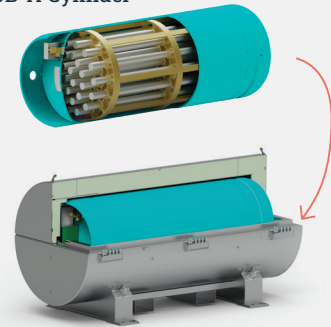
DN30 Concept

30B Cylinder



DN30-X Concept

30B-X Cylinder



DN 30 PSP

DN30: THE CULMINATION OF A DEMANDING DEVELOPMENT PROCESS

- 17 years of continuous development in tandem with customers and authorities worldwide
- Transportation approvals for Europe, Asia and North America
- Extensive validation testing:
 - 33 drop tests
 - 3 fire resistance tests



THE DN30 OVERPACK

New technology to ensure full compliance with the latest requirements of international safety authorities

Replaces older-generation containers whose approvals are approaching expiry

Handles a wide range of content: LEU, LEU+, HALEU, URT Reprocessed Uranium and specific customer requirements

SOLUTIONS FOR TRANSPORTATION OF URANIUM ENRICHED UP TO 20%

To respond effectively to future fuel designs and the growing market for small modular reactors, **solutions must be provided for the transport of uranium enriched up to 20%.**

Compatible with 30B-10 and 30B-20 cylinders.

The DN30-X container combines the properties of the DN30 protective overpack and those of the new 30B-X cylinder with its internal criticality control system (CCS) ensuring safe transport using control rods.



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**MAXIMUM SAFETY FOR THE
NUCLEAR POWER PLANTS
OF TODAY AND TOMORROW**

