

Flux

Sustainability is our
first choice

Stock cleaning



About the company

- 57 employees, 4 locations, 4 Business Lines
- Annual revenue of NOK +/- 400million

4 Business Lines



Valves & Actuators
Topside & Subsea



Umbilical's, Hoses
& Couplings



Lab, Analysis
& Sampling



Service - In-house
Offshore & Field

Locations: Stavanger, Bergen,
Larvik, Italia



Vision:

“We will be the preferred partner for our customers in the transition towards a sustainable future.”

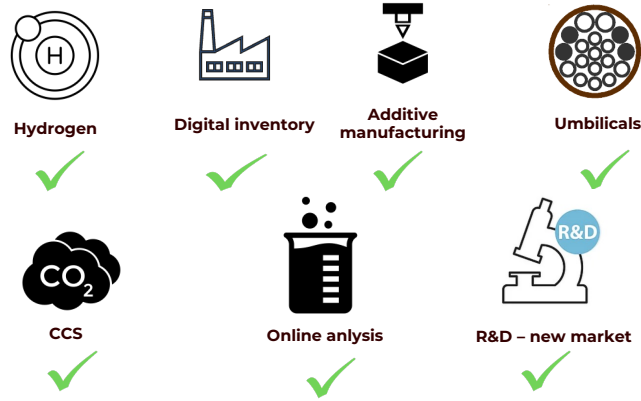
Mission:

Industrial. Sustainable. Customer-focused. Profitable. Innovative

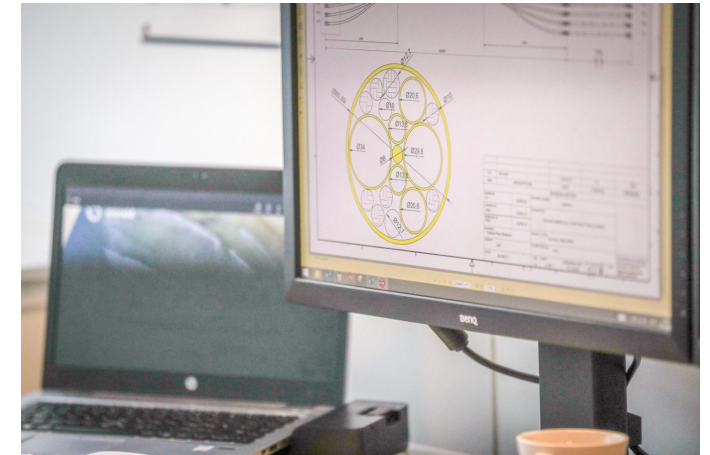
Values:

Competent, Trustworthy, Flexible

Key messages for future growth



- SOLID network and gate keeper to NCS
- STRONG RELATIONS to Customers and manufacturers



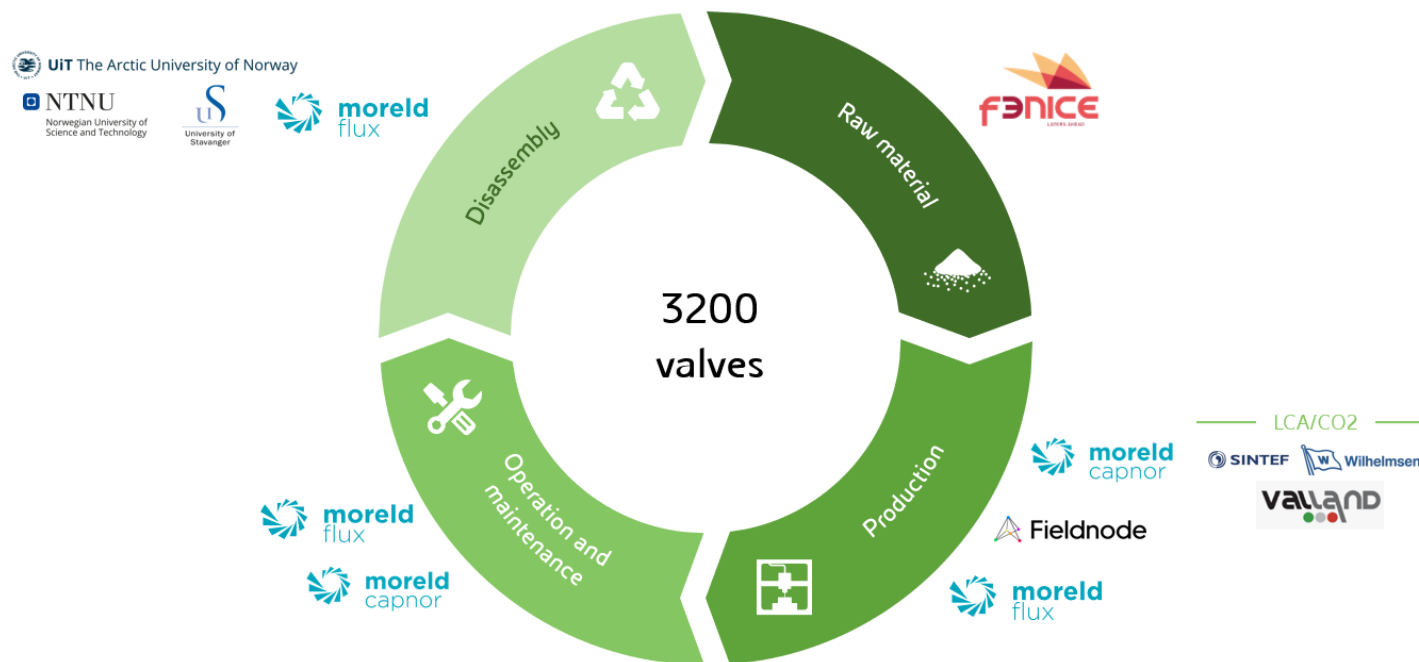
valland3D



Stock cleaning and storage initiatives

Vår Energi - Internal

The collaboration with selected partners in the valve pilot is already allowing us reap the benefits of circular business models through additive manufacturing



Stock cleaning and storage initiatives



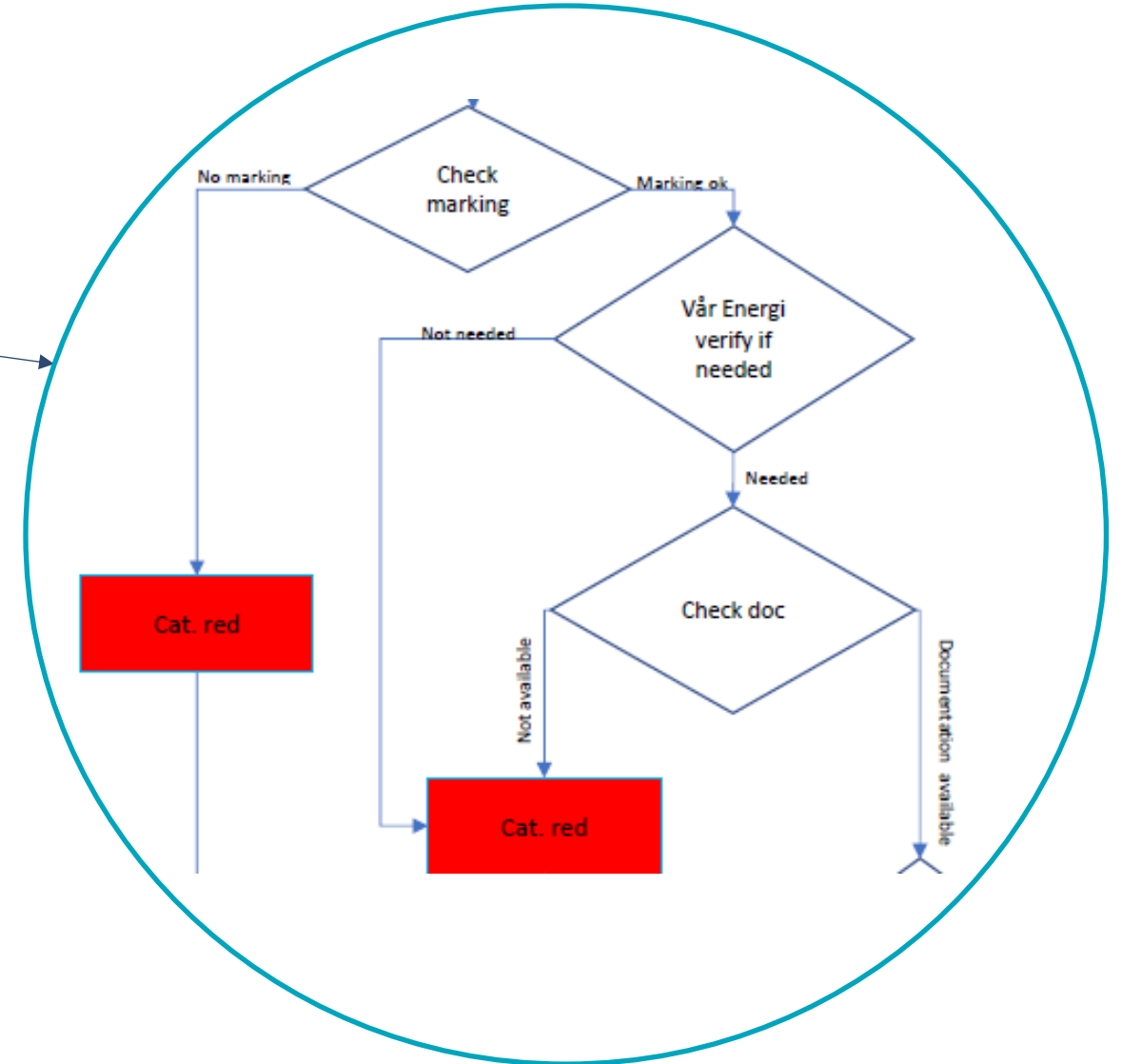
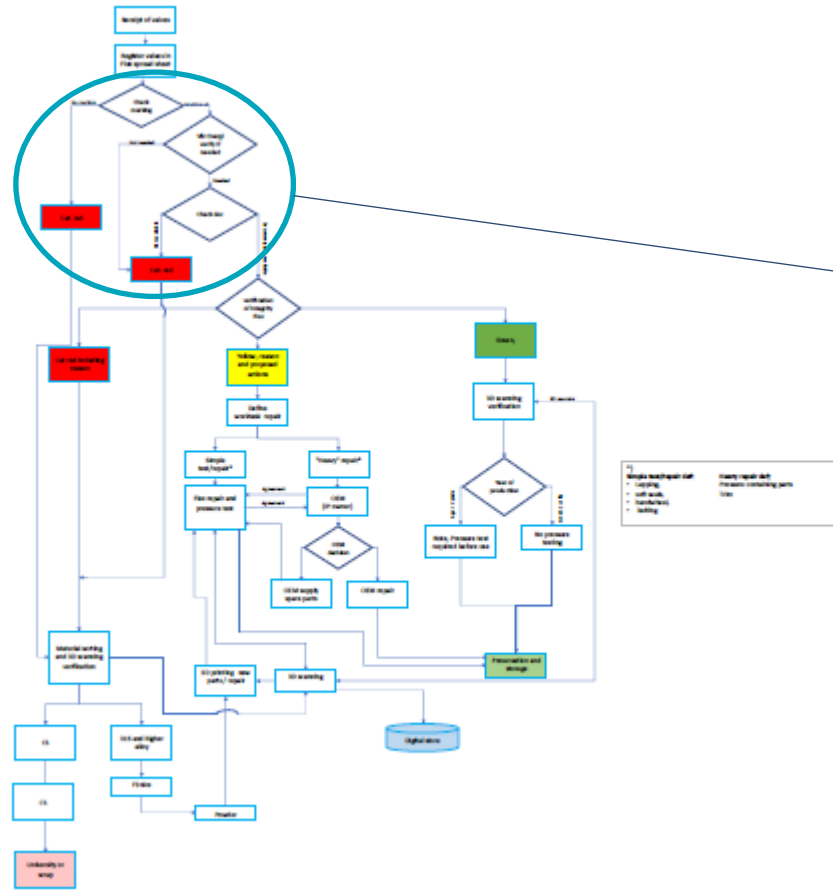
219369 EA Sep 2004
 VALVE, CONTR. , 4" -300# -ET-657-50, FIS.COM

Fakturaadresse
 ExxonMobil Exploration & Prod
 Norway AS v/ Leverandørregnskap
 Postboks 80
 4064 STAVANGER
 NO91404890MVA

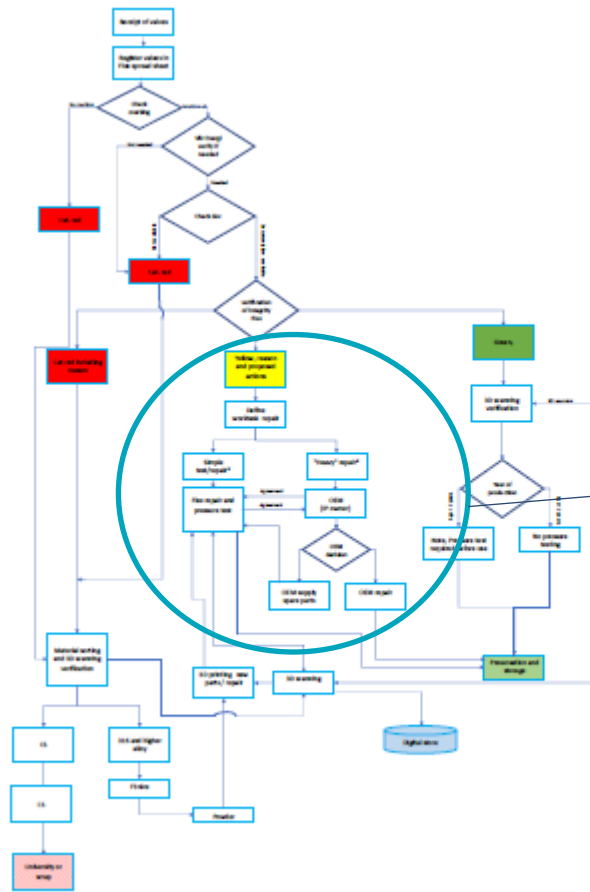
Følgebrev 893645
 Sif: 1 av 2
 Salgsordre: 800905
 Opprettet dato: 02.06.2017
 Dato: 02.06.2017
 Kundennummer: 10106
 Kostsenter: Balder
 Rekvirisjon: 4591267347
 Leveringsmåte: Levert med bil
 Leveringsbetingelser: FCA
 Ders ref.: Øyvind Penne
 Vår ref.: Cathrine Hagland
 Avdeling: Stavanger



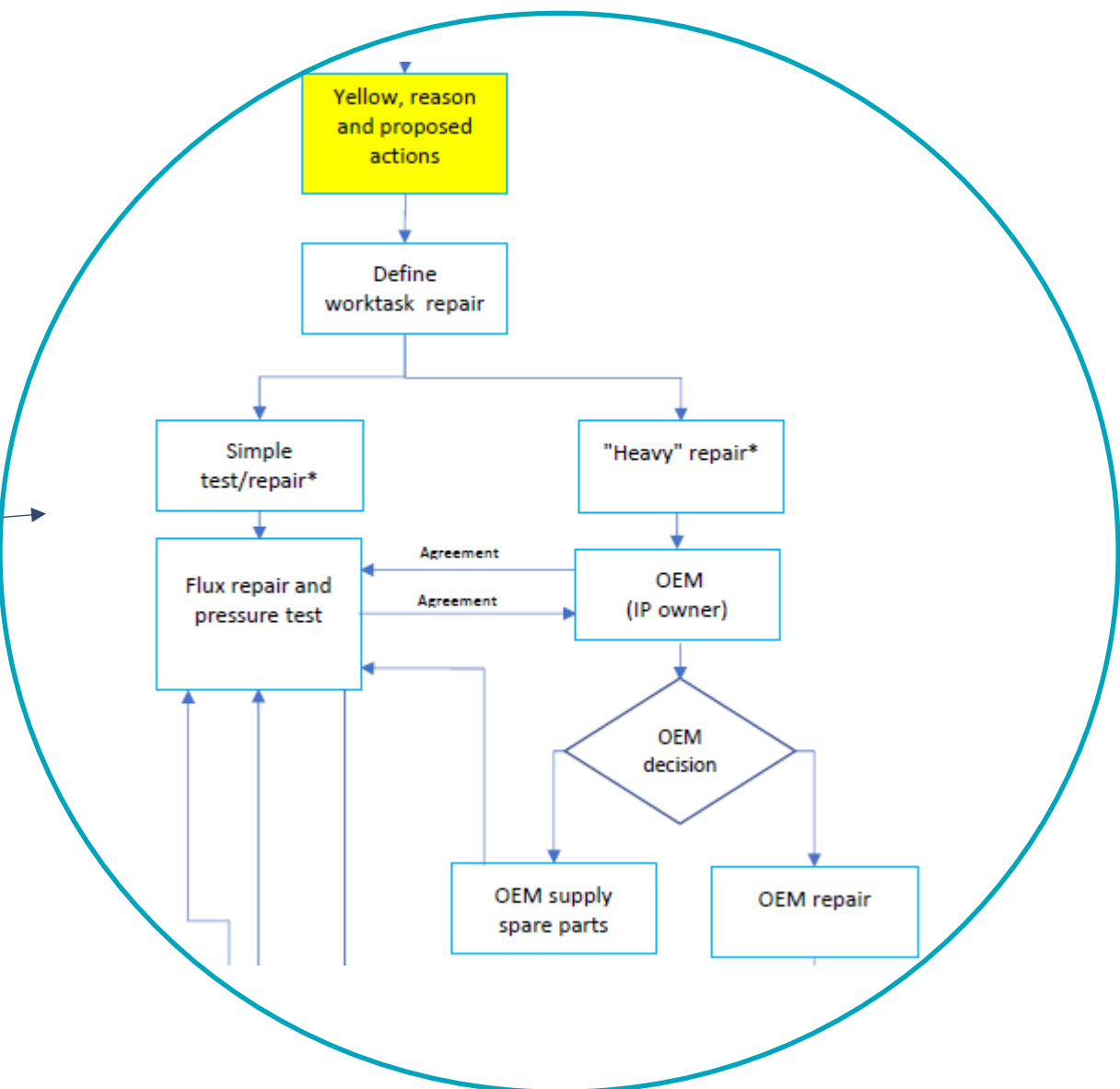
Stock cleaning and storage initiatives



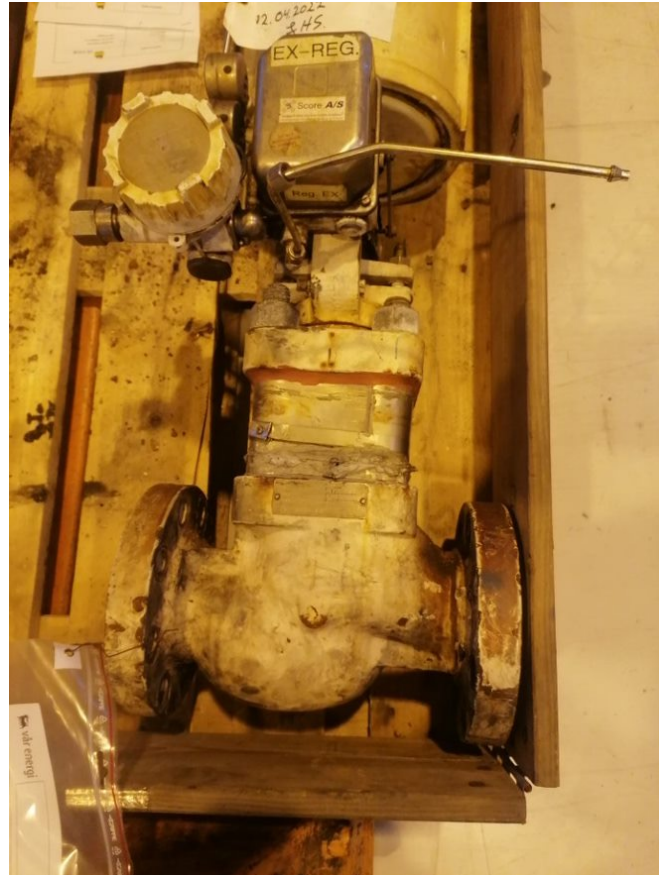
Stock cleaning and storage initiatives



Simple test/repair*
 - cleaning
 - oil wash
 - sandblasting
 - testing



Case 1



28.10.2022

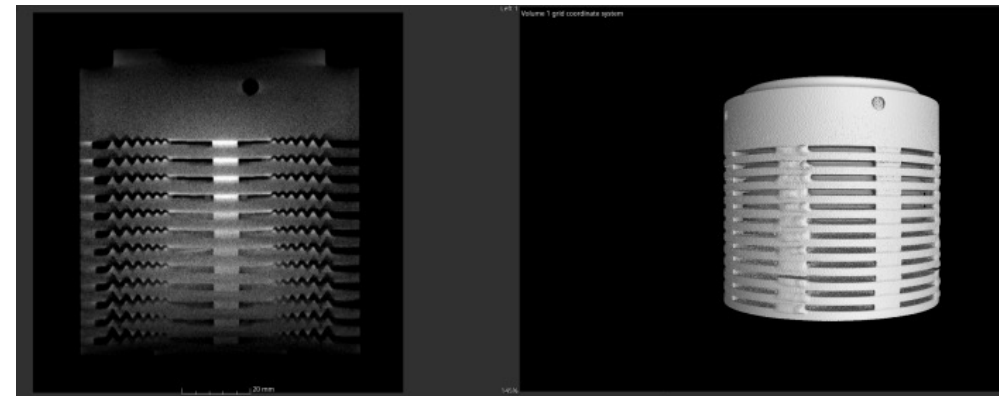
Service Report

5

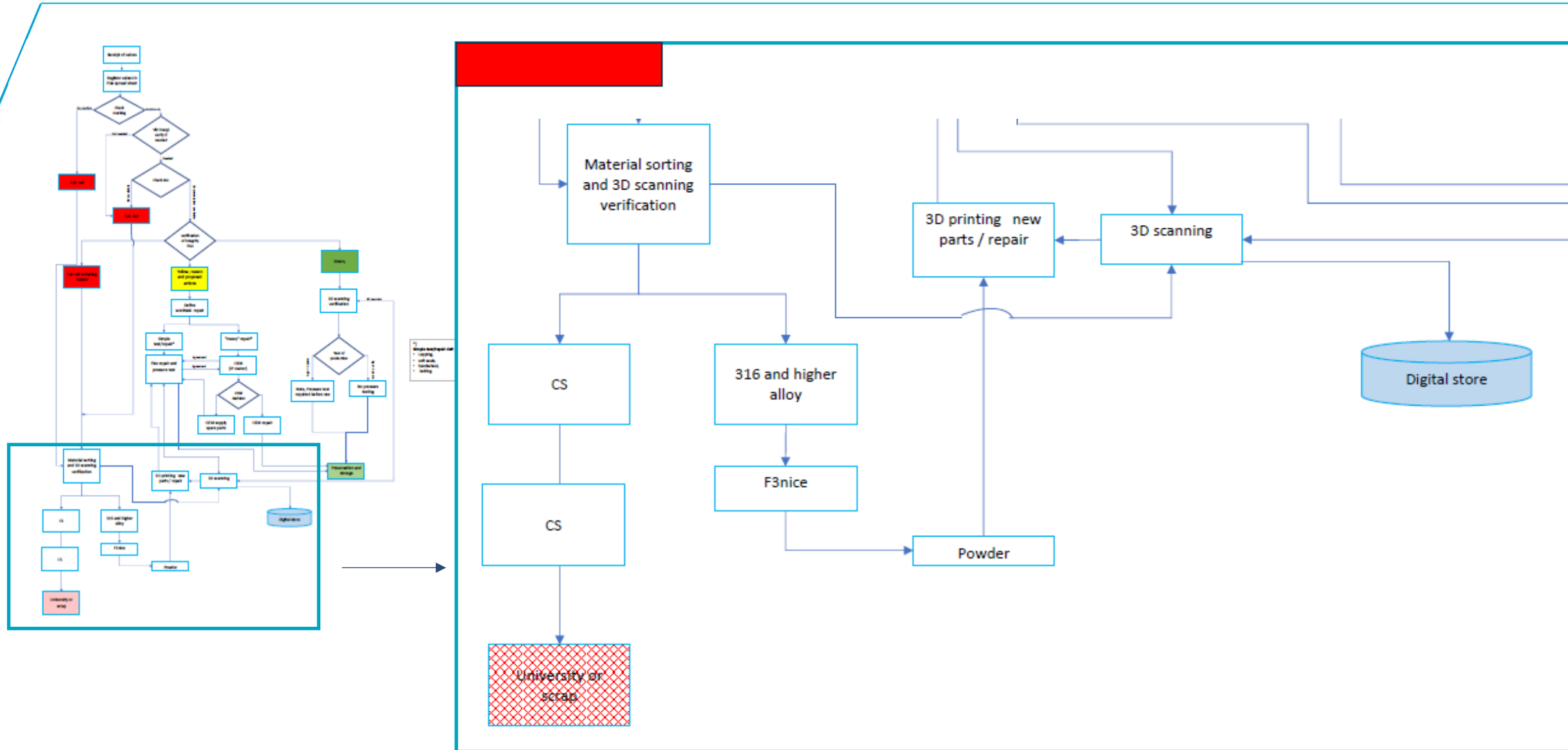
Moreld Flux
INSPECTION REPORT



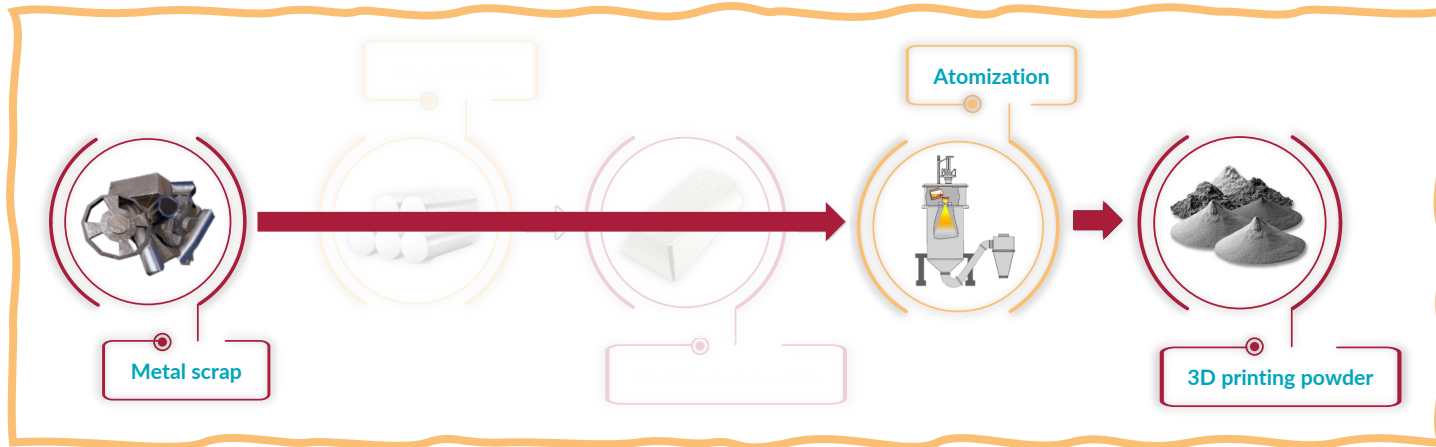
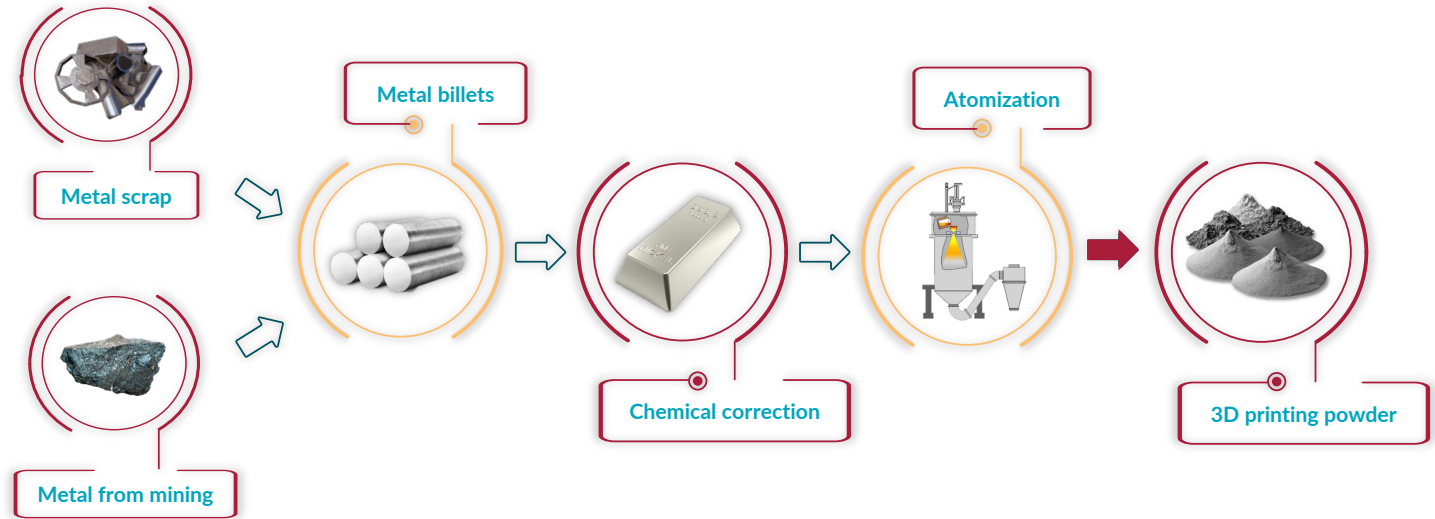
General Data		Flux Project		14539
Customer	Vär Energi	Name of Project	Balder	
Customer ref.	7140	Contact Person		
Date	28.10.2022	Mail / Tel.		



Stock cleaning and storage initiatives

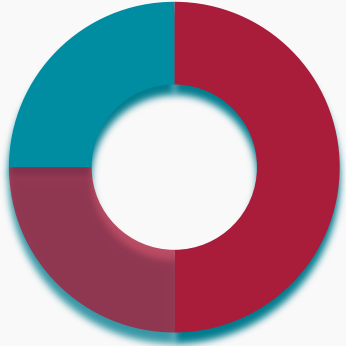


How f3nice turns scrap into powder



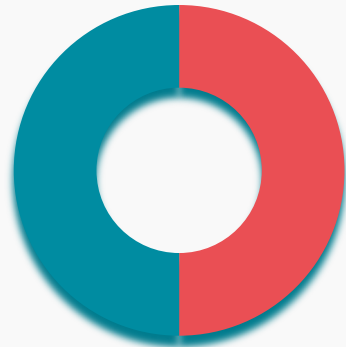
f3nice upcycling process

F3nice's powder benefits



50 to 75%

CO₂ saving



≈ 50%

Energy saving

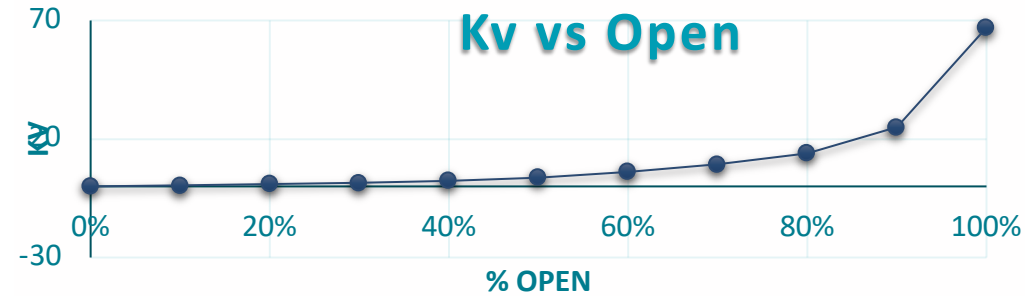


Validated by ISO 14064-3:2019
and GHG protocol principles.



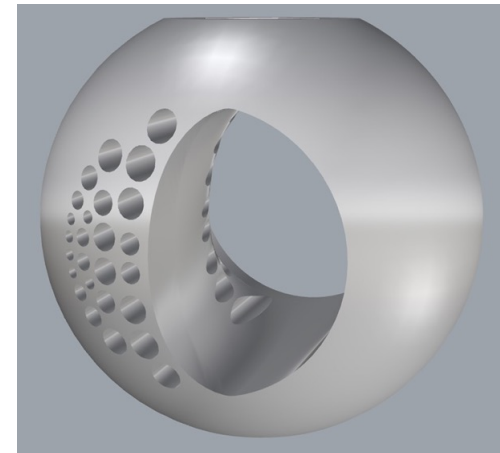
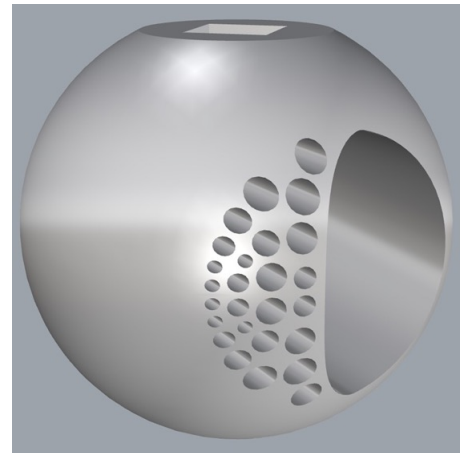
up to 100% Metal scrap

Stock cleaning and storage initiatives



CFD analysis need to be performed:

- At different open percentage to draw a Kv curve
- To optimize the flow path by looking at flow path.



Standard Ball valve

3D scan
internals

Re-design of
ball

3D printing of
ball to
optimize

New Control
ball valve



**Thank you
for your attention.**

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