

ESG INITIATIVES – METALOR ECOSYSTEM

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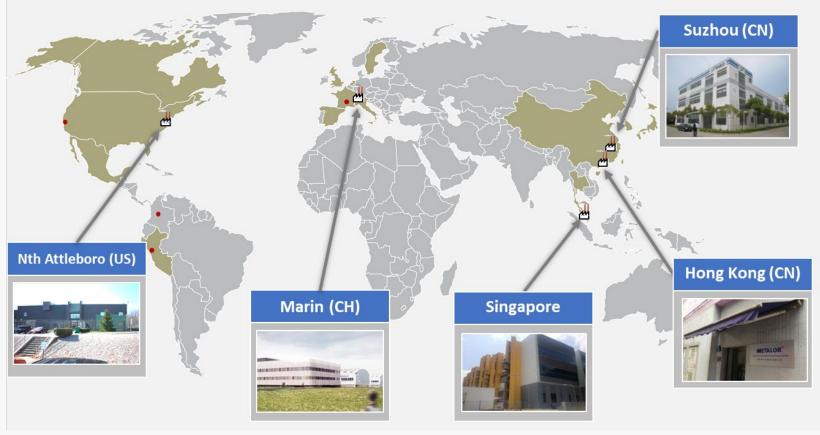


Metalor Technologies – Profile

Metalor Technologies :

- 5 refineries on 3 continents
- All on the LBMA GDL
- Sourcing from all around the world
- Part of Tanaka Precious
 Metals group

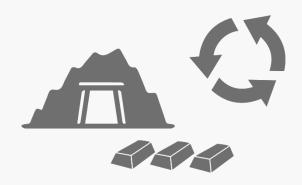




ESG Initiatives in Sourcing, Refining & Products



Sourcing *Responsible sourcing*



- Very robust DD process
- Not sourcing from mine collectors, nor from specific geographic areas
- Systematic controls

Refining *Decarbonisation*



- Continuous consumption improvement
- Solar-generated electricity
- Heavy investment in future technologies

Products *Transparency & Traceability*



- Offering clear choice of products to customers
- Security features
- Metal traceability

Responsible Sourcing – Mines





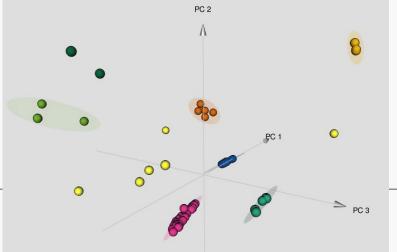
Metalor clear & transparent rules – no sourcing from

- Mine collectors
- ASM (expect for specific government backed programmes, like Swiss Better Gold)
- Non-compliant areas



Systematic controls on mined gold (doré)

- Geoforensic Passport complex signature characterizing each mined gold supplier
- University of Lausanne (Dr Beck) & Metalor Technologies development over 6 years
- Verification of the signature or each doré with the supplier's Geoforensic Passport to confirm the origin: > 15'000 doré analysed so far



Analysi ^{Analyzed b}		F (Energ	gy dispe	rsive X-	ay fluor	rescence	e)												
Au	Ag	Pt	Pd	As	Bi	Cd	Со	Cr	Hg	Мо	Ni	Pb	Sb	Se	Sn	Te	Zn	Cu	Fe
893.0	71.9	nd	nd	2.5	nd	nd	nd	nd	nd	nd	0.9	nd	nd	nd	nd	nd	nd	28.6	1.
Test																			
Customer Name				Result				Sub-group											
37.3%		Origin of doré confirmed					6					♣ Save & Export LIMS							

Responsible Sourcing – Recycling





Lack of standardised definition for "recycled gold"

- Metalor is essentially using RJC-CoC standard, as per customers' request
- Other standards co-exist with different definitions (LBMA...)
- Many refiners and industries have their own labels and brands market highly fragmented



ISO proposal for a new standard family

- Creation of an internationally recognized definition of "recycled gold"...
- ... together with rules "responsible sourcing" of that gold

Goal:

- Limit the risk of "green washing" by defining rules to be followed
- Prevent further fragmentation of the market

Under vote until mid-June, supported by key precious metal industries & associations

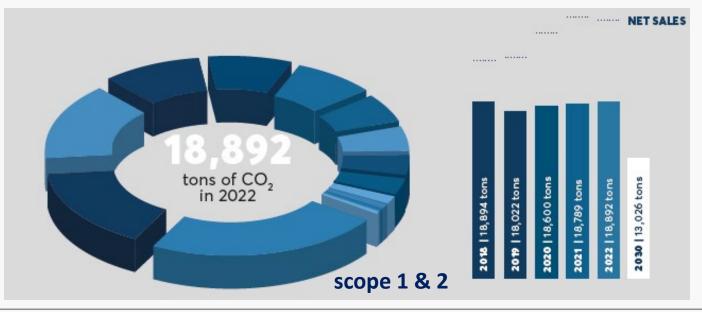
Refining

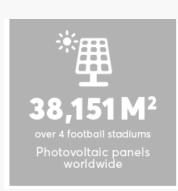
A physical reality...

Gold melts at 1'064°C – and is melted multiple times for refining & manufacturing

At Metalor, significant efforts to control operational carbon footprint (scope 1 & 2)

- 4 years : Net Sales +27% but CO₂ emissions stable
- 13.5 MUS\$ invested to develop use of photovoltaic panels

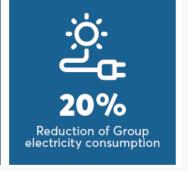








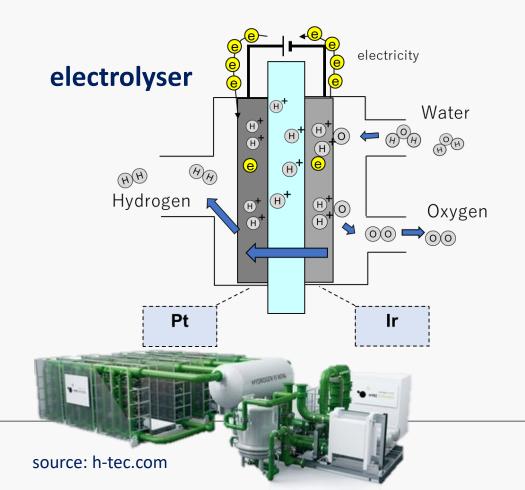


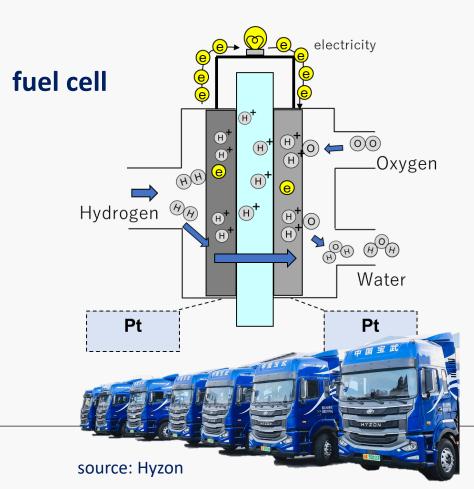


Refining

The most important role of refiners to prevent global warming:

• Invest, support & develop new technologies for a carbon-neutral society
Tanaka Kikinzoku (Metalor shareholder) is leading such innovation with catalysts:











Fuel Cell catalysts

Products

All Metalor bars are meeting ESG requirements higher than existing standards

- Metalor does not propose ESG+ (and hence ESG-) products
- But Metalor can segregate sourcing and flows to meet customer's request (Single-mine, SBG mines, specific areas mines, RJC-CoC recycled gold, specific industry recycled gold...)





Transparency: Security & Traceability offered to all customers

- Combination of security features and traceability tools available to all customers, using "Metalor Check" application, entirely free and protecting your privacy
- Release audited CSR annual report (GRI framework)







BullionProtect[®]



Biometric markings



Transparent origin stamp

METALOR SOURCING, TRACEABILITY AND SECURITY ECOSYSTEM



For compliance reasons, METALOR is not sourcing from mine collectors

SBGA SWISS BETTERGOLD ASSOCIATION





METALOR is sourcing recycled gold with the highest standard



RESPONSIBLE JEWELLERY COUNCIL





Signature of every doré ingot received is compared with the Geoforensic Passport of the mine to validate the origin

All steps automatically recorded in our SAP system

Refining following customer's request:

- Single-mine segregated refining
- Single-recycled segregated refining
- Mixed mines from specific area
- · Recycled CoC gold
- · Mixed batches







Metalor Check iOS application to obtain details on the origin of the gold



Kilobars bearing the **BullionProtect**® security feature



Specific grades, sources or certification stamped directly on bars: iso 24018, BGI, CoC



Biometric markings (overt & semi-covert embed in all bars to prevent any counterfeiting

METALOR ECOSYSTEM IS OFFERED TO ALL OUR CUSTOMERS!

(Geoforensic Passport validation, BullionProtect®, Metalor Check application)

THE REFINING CHARGES DEPEND ON THE TYPE OF SEGREGATION CHOSEN

(Mixed, single mine, segregated refining, CoC...)