

IMO A Value Proposition

Developing a membership proposal for
metallic raw material recyclers

Develop realistic value propositions to attract end-users and downstream processors of molybdenum as well as consumers, particularly those specializing in metallic raw materials recycling for stainless steel and specialty metals.



To increase membership of metallic raw materials recyclers by offering an attractive package of opportunities and information



Market Insight

Access to quarterly global production and usage statistics, comprehensive molybdenum demand forecast data by industry sector, trade statistics and end-use market analysis including the usage of scrap



Networking & Knowledge Sharing

Unrivalled networking opportunities with members in the molybdenum supply chain, including steel producers. Participation in cost-sharing joint working projects with other associations and access to resources and publications



Market Development Influence

Opportunity to influence market development activities that drive awareness and market demand for the use of recycled metals in the use of moly-bearing alloys e.g. stainless steels, high strength steel, etc.



Sustainability

Industry-wide collaborations in identifying and promoting the role of molybdenum-containing stainless steel in sustainable development e.g. Life Cycle Assessments/ Life Cycle Cost Analysis ~



Responsible Sourcing

Proactive industry leadership on the importance of responsible sourcing practices and the creation of an industry-wide framework for molybdenum production



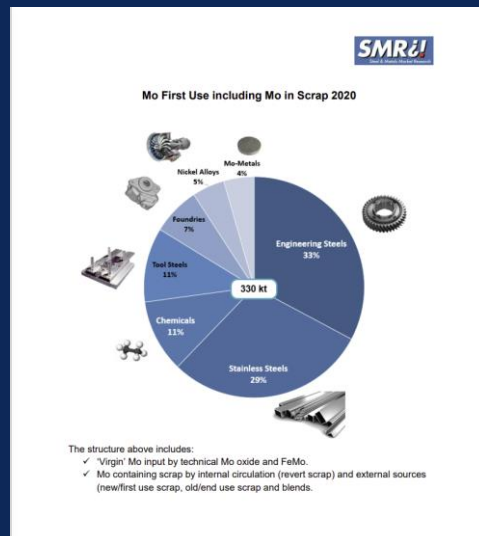
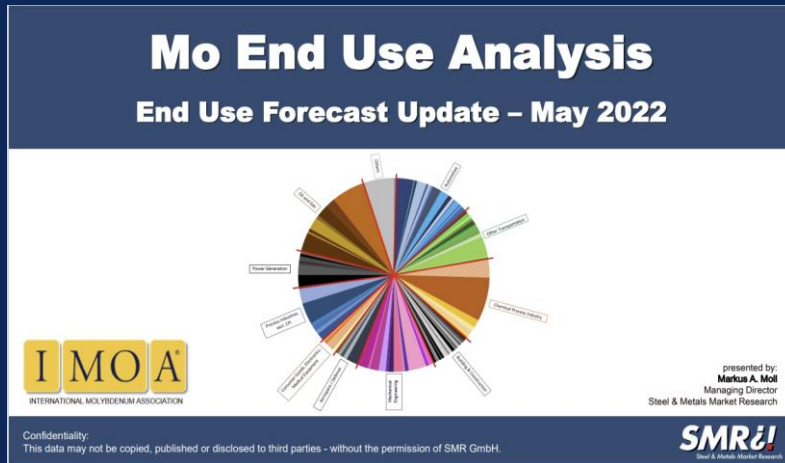
HSE Information & Support

Access to joint industry stewardship of moly-containing material including HSE knowledge-sharing and guidance. Opportunity to be involved in HSE centrally-funded programs aimed at delivering robust scientific data to ensure appropriate legislation



Opportunity	Benefit
Access to centrally funded industry statistics	Trade data
	Comprehensive historical global production and use of molybdenum data
	Analysis of Mo first use, including Mo in scrap End-use analysis plus forecasting by industry segment

Comprehensive market data and analysis



Quarterly global production and usage statistics

Confidential

INTERNATIONAL MOLYBDENUM ASSOCIATION
Quarterly Production and Use Report

Regional Production and Use Summary

Region	2020	Q2 2021	Production* (mbs - Mo Content)				Q2 2022	Change (%)	
			Q3 2021	Q4 2021	2021	Q1 2022		Q2/22 vs Q2/21	Q2/22 vs Q1/22
North America	153.7	30.4	31.5	29.0	128.6	27.9	26.3	-13%	-6%
South America	198.9	44.8	45.7	44.8	181.3	42.0	41.5	-7%	-1%
China	195.0	55.1	55.1	58.4	222.3	60.5	63.1	14%	4%
Other	54.8	14.4	12.3	11.7	49.2	11.5	14.0	-3%	23%
Total	602.4	144.7	144.6	143.9	581.4	141.8	144.9	0%	2%

Region	2020	Q2 2021	Use* (mbs - Mo Content)				Q2 2022	Change (%)	
			Q3 2021	Q4 2021	2021	Q1 2022		Q2/22 vs Q2/21	Q2/22 vs Q1/22
Europe	118.9	35.4	30.3	29.4	129.9	30.7	31.8	-10%	4%
USA	46.2	15.6	15.3	15.1	59.9	15.1	14.9	-4%	-1%
Japan	45.1	13.3	13.1	13.0	52.6	12.8	12.5	-7%	-3%
China	234.6	73.3	66.2	64.3	245.6	66.8	67.8	-8%	1%
CRS	13.0	5.8	5.7	6.5	25.7	6.2	5.3	-6%	-14%
Other	77.6	27.4	24.8	22.6	100.8	24.2	28.7	5%	19%
Total	539.7	179.8	148.4	141.5	614.3	185.8	181.1	-6%	3%

*excluding Spent Catalysts

Newsfeed on prospective mining projects

Public Newsfeed – Mining Projects

Public industry newsfeed links of announced prospective molybdenum mining projects

Update 22 November 2022

Exclusive member webinars on molybdenum end use demand forecasts, regulatory and responsible sourcing topics



EXCLUSIVE MEMBER WEBINAR

SMR Molybdenum End-Use Updates and Forecast - April 2023

3rd May 2023 at 08:00 (BST)
and 16:00 (BST)

To sign up for the webinar, please email info@imoa.info

I MO A
INTERNATIONAL MOLYBDENUM ASSOCIATION

Comprehensive export and import statistics for numerous countries

2021

 Brazil Molybdenum Imports and Exports - December 2021
 China Molybdenum Imports and Exports - December 2021
 Quarterly Statistics Report - Q4, 2021
 IMO A Statistical Summary 2017 - 2021

Canada	 Import to June	 Export to June
	 Import to December	 Export to December
Chile		 Export to June
EU	 Import to December	 Export to December
Japan	 Import to June	 Export to June
	 Import to December	 Export to December
South Korea	 Import to December	 Export to December
Taiwan	 Import to June	 Export to June
	 Import to December	 Export to December
USA	 Import to March	 Export To March
	 Import to June	 Export to June
	 Import to December	 Export to December



Opportunity	Benefit
Member-only AGM facilitates relationships between members over the three-day event	Access to members in the molybdenum supply chain, keynote presentations on market statistics, emerging trends and innovative market development activity
In-person networking and knowledge sharing events	Access to industry network and experts
Technical site visits	Opportunity to widen industry knowledge
Access to industry contacts	Extending networks within the molybdenum industry

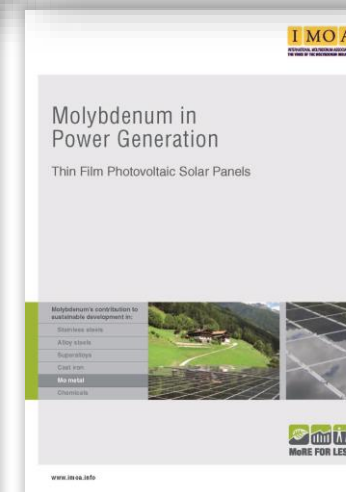
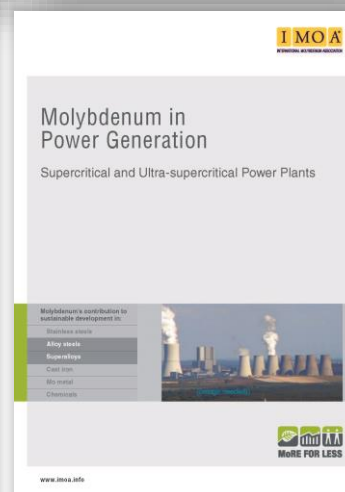
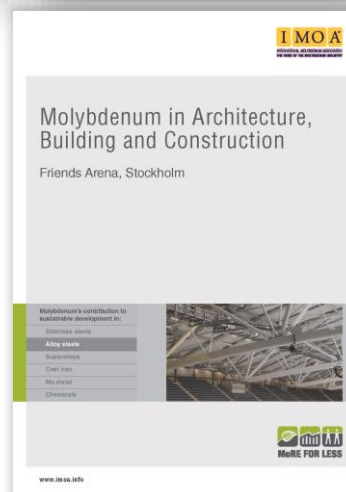
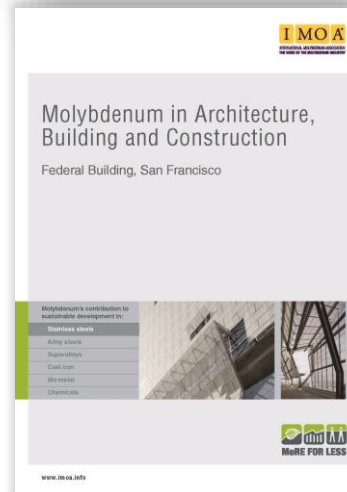
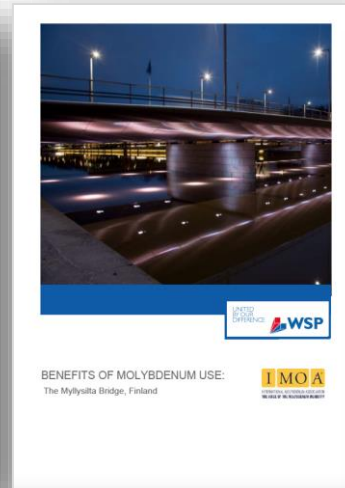
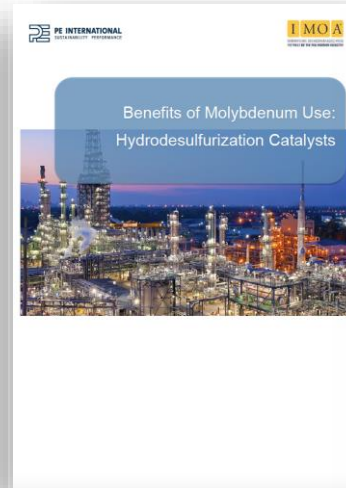


Opportunity	Benefit
Participate and shape the IMO A market development (MD) activities and influence decisions on IMO A MD and research projects	Influence and collaborate in market development activities to increase potential market growth in your specialty sector
Access to data emerging from R&D programs designed to develop improved quality and higher performing steels	Expand knowledge and exploit potential opportunities emerging from joint research projects



Opportunity	Benefit
Identify and collaborate in sustainability initiatives	Documentation of the environmental and societal benefits of molybdenum-containing products
Promote the sustainability credentials of moly-containing products based on outputs generated by IMO A	Industry-wide and global communications support in driving awareness of molybdenum's role in sustainable development disseminated through social and international trade media

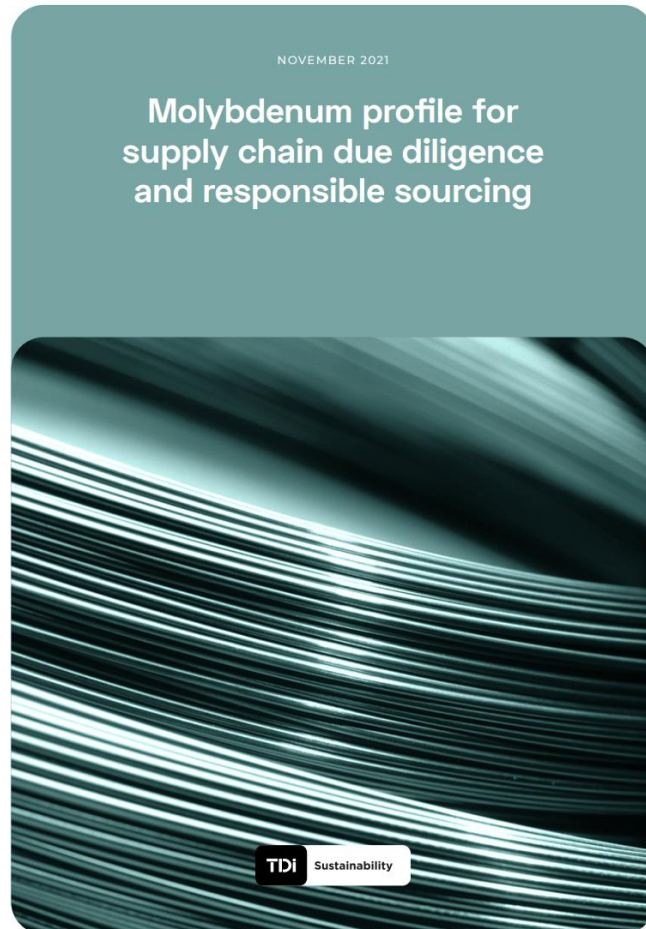
Sustainability awareness





Opportunity	Benefit
Responsible sourcing leadership	Access to the Molybdenum Mark, a Copper Mark credible assurance framework that is gaining increased focus from downstream users. Greater insight into responsible sourcing across the molybdenum supply chain.
Industry engagement	Awareness raising of the importance of responsible sourcing and emerging trends

Responsible Sourcing Resources





Opportunity	Benefit
Centrally funded information and guidance on relevant HSE issues	Access to readily available information and knowledge-sharing regarding compliance with relevant laws
Involvement in HSE activity to deliver robust scientific data to ensure appropriate legislation	Cost savings from participating in industry-wide HSE programs instead of on an individual basis.
Access to valuable HSE resources	Regulatory compliant templates readily available
Toxicology datasets and IMO A-owned studies	Access to data supportive of green credentials of molybdenum/compounds

SDS Template Updates 2022

 View the July 2022 SDS Template Webinar recording

Safety Data Sheet (SDS) Template Updates aligned with EU Regulation No. 578/2020 are available via the table below. Click on a substance name, choose a template available language and download the instruction sheet and template/s.

SDS Template Updates

	EC Substance Name	EC No.	CAS
1	Molybdenum Sulfide (MoS₂)_roasted	289-178-0	86089-09-0
2	Molybdenum Trioxide	215-204-7	1313-27-5
3	Molybdenum	231-107-2	7439-98-7
4	Disodium Molybdate	231-551-7	7631-95-0 & 10102-40-6
5	Diammonium Dimolybdate	248-517-2	27546-07-2
6	Hexaammonium Heptamolybdate	234-722-4 & 234-320-9	12027-67-7 & 12054-85-2
7	Tetraammonium Hexamolybdate	235-650-6	12411-64-2
8	Ferromolybdenum: [Iron compound with molybdenum (2:3)] Ferromolybdenum Molybdenum alloy_base Mo 60-70, Fe 38-40	304-589-8	94277-04-0 11121-95-2
9	Slags_Ferromolybdenum	282-217-2	84144-95-6
10	Molybdenum Dioxide	242-637-9	18868-43-4
11	Calcium Molybdate	232-192-9	7789-82-4
12	Diliron Trimolybdenum Dodecaoxide	237-389-3	13769-81-8
13	Chemically-Produced Molybdenum Sulfide*	235-721-1	12612-50-9
14	Unroasted molybdenite concentrate	215-172-4	1309-56-4

*This is not the naturally-occurring Molybdenum Disulfide, which is number 14 in the list.

