



UNITED NATIONS
INDUSTRIAL DEVELOPMENT ORGANIZATION



SUSTAINABLE DEVELOPMENT GOAL 9
INDUSTRY, INNOVATION AND INFRASTRUCTURE

Circular Economy: Development of Recycling Industries

RECYCLING OF METALS

Carmela Centeno
Moderator



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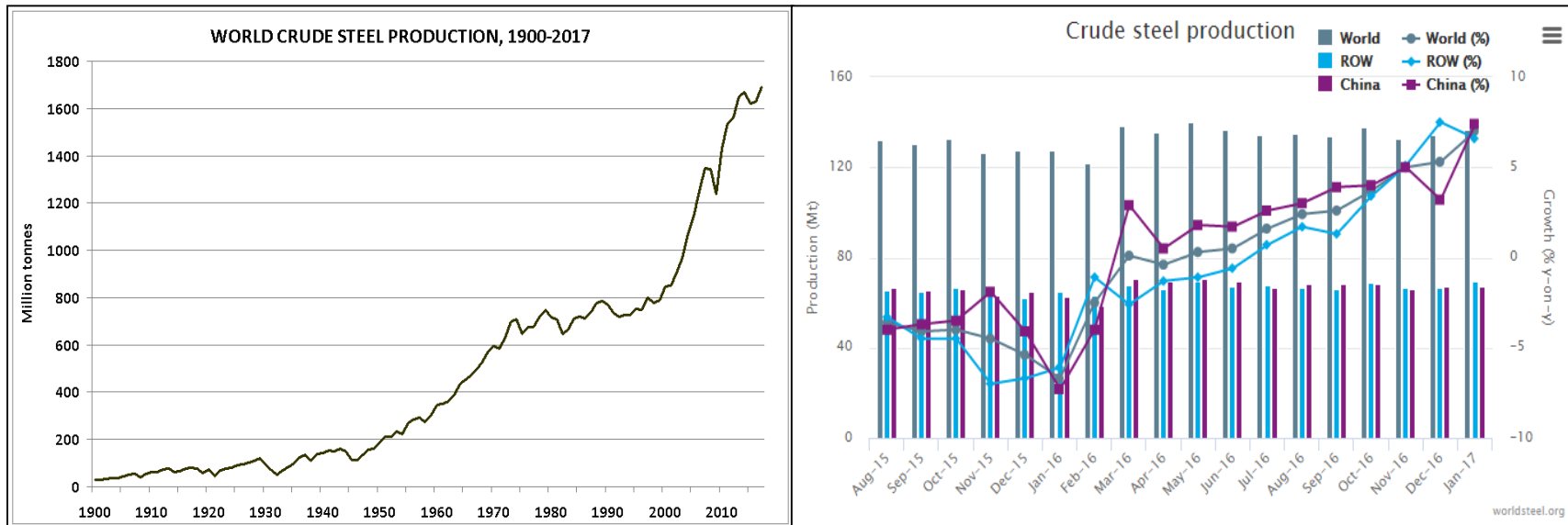


SUSTAINABLE DEVELOPMENT GOAL 9
INDUSTRY, INNOVATION AND INFRASTRUCTURE

Why recycle metals?



Metals Recycling

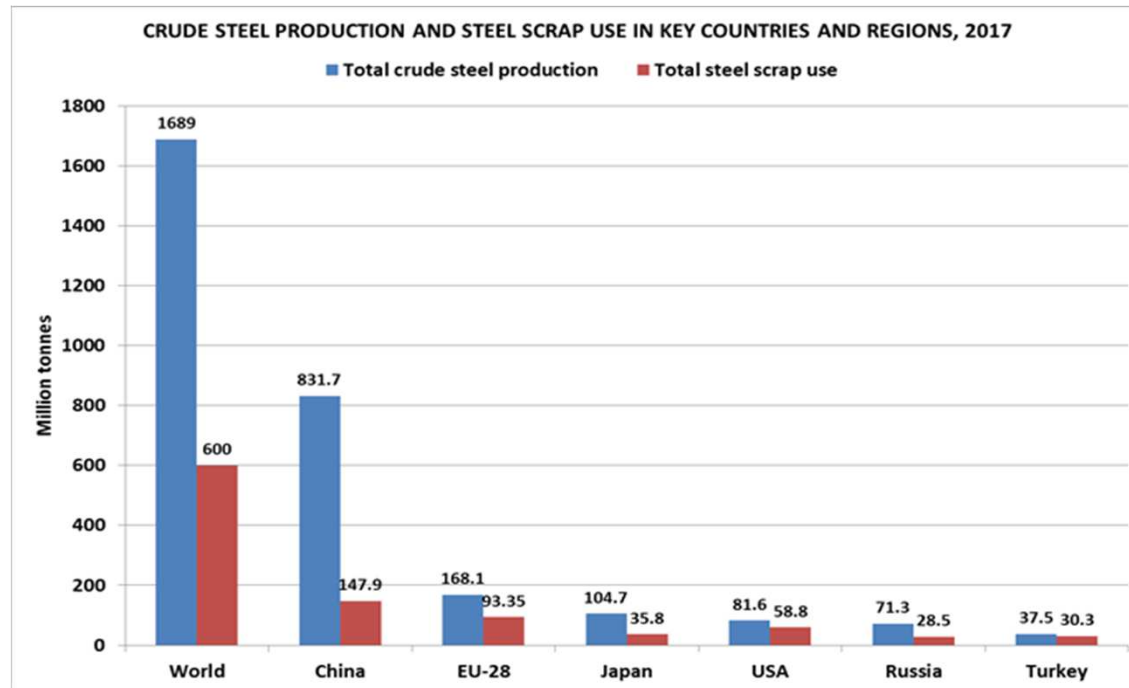


Global crude steel production continues to increase.

China's* crude steel production for January 2017 was 67.2 MT, an increase of 7.4% compared to January 2016



Metals Recycling





Global trade in metals for 2015

	Fe		Al		Cu		Total	
	Weight (Mt)	Value (USD billion)	Weight (Mt)	Value (USD billion)	Weight (Mt)	Value (USD billion)	Weight (Mt)	Value (USD billion)
Ores and concentrates	1358	62	88	3	17	38	1547	132
Scrap	81	25	7	10	6	14	98	76
Finished metals		276		105		141		843

Source: Mapping support for primary and secondary metal production, OECD, ENV/EPOC/WPRPW(2016)2/FINAL



Ms. Liselotte Schebeck



Prof. Dr. Liselotte Schebek is Head of the Department of Material Flow Management and Resource Economy at the Faculty of Civil and Environmental Engineering of TU Darmstadt. She is also the Scientific Manager of the Division Secondary Materials at the Fraunhofer Project Group “Materials Recycling and Resource Strategies” (IWKS).

Her presentation introduces the interlinkages of metals recycling and sustainable development goals, subsumes the global status quo of metal recycling and then highlights barriers and challenges in waste management of metals.



Ms. Susie Burrage



Susie Burrage is the owner and managing director of a metal recycling company in the UK. Recycled Products Limited processes ferrous (steel and iron) and non-ferrous metals such as Copper, Brass, Lead and Aluminium. In May this year she was appointed UK Ambassador for the Bureau of International Recycling. BIR represents private sector companies and national associations from more than 70 countries. Susie is President of the British Metals Recycling Association which represents the £7 billion metal recycling sector in the UK. She is the first woman to hold this post in its 100 year history.

Susie's presentation will highlight the barriers from her perspective to a fully functioning metals recycling industry in the UK and will include some suggestions for overcoming these obstacles.



Mr. Kittiphan Bangyikhan



- Dr. Kittiphan is the Chief of Factory Development and Technical Support Group of the Department of Primary Industries and Mines (DPIM), which is under the Ministry of Industry Thailand. DPIM's main mandate is the promotion and development of the Mining sector and other related upstream industries, particularly Metal industries.

His presentation will give some examples of DPIM's works in order to promote the metal recycling industry.



Mr. Leopoldo Clemente



Mr. Clemente is the Founder and CEO of LCD Trading Srl, an Italian entrepreneur who after several years of experience in the LME financial analysis, chose to follow his passion and invested entirely in the physical metal scrap trading

He will touch on his personal experience in the metal scrap sector focusing on some topics and “values” which he believes are fundamental to achieve a sustainable environmental in developing markets



THANK YOU



