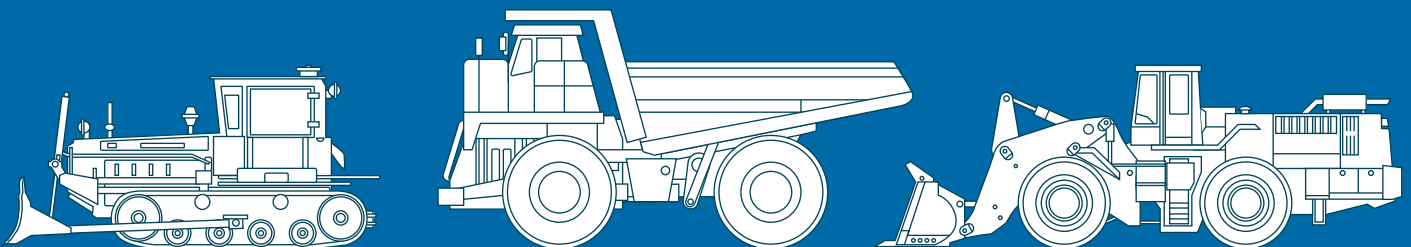




# HOLLOW BARS FOR MACHINING





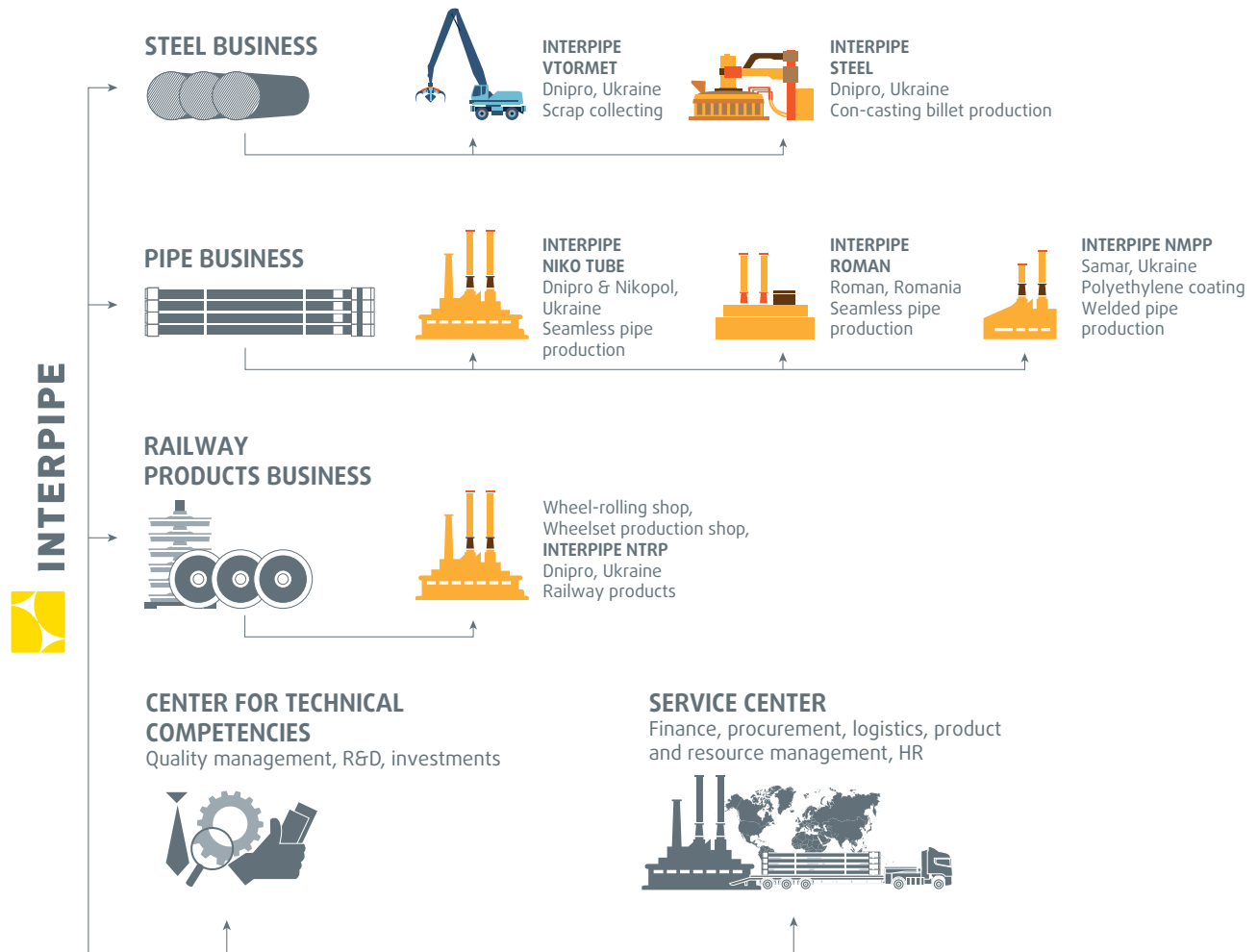
# INTERPIPE IS A GLOBAL STEEL PIPE PRODUCER AND SUPPLIER

Interpipe is a global steel pipe producer for all major application – oil & gas exploration and transportation, power generation, mechanical and structural use.

The company's products are supplied to 60 countries all over the world through a chain of commercial offices located in Ukraine, Europe, the USA and the Middle East.

Interpipe structure includes production facilities located in Dnipro region, one of the major industrial centers of Ukraine. The company continues to invest heavily in the development and modernization of its mills.

Interpipe includes 3 business directions – Steel, Pipe and Railway Products. The company controls product quality at every stage: from manufacturing of raw materials to delivery of final products to customers.



## SELLING TO CUSTOMERS GLOBALLY – KEY MARKETS





## Chemical composition

Steel grade	Elements content, %												
	C	Si	Mn	S	V	P	Cr	Ni	Mo	Cu	Al	Nb	Ti
E470	0,16-0,22	0,10-0,50	1,30-1,70	0,015-0,050	0,08-0,15	0,030	-	-	-	-	0,010	0,07	-

## Mechanical properties

Steel grade	Delivery condition	Yield strength $R_{eH}$ , N/mm <sup>2</sup>				Tensile strength $R_m$ , N/mm <sup>2</sup>				Elongation A, %	Impact test, KV, J Test temperature -20°C
		Wall thickness $T_n$ , mm				Wall thickness $T_n$ , mm					
		<16	16< $T_n$ ≤25	25< $T_n$ ≤40	40< $T_n$ ≤50	<16	16< $T_n$ ≤25	25< $T_n$ ≤40	40< $T_n$ ≤50		
E470	+AR	470	460	430,000	430	650	620	600	550	17	-



# INTERPIPE STEEL: IN-HOUSE GREEN STEEL PRODUCTION

INTERPIPE COMPANY NEEDS FOR STEEL BILLETS IS 100% COVERED BY OWN FACILITIES – INTERPIPE STEEL PLANT. INTERPIPE STEEL – IS AN INNOVATIVE EAF COMPLEX, LAUNCHED IN 2012 WITH BEST AVAILABLE TECHNOLOGIES FROM DANIELI.

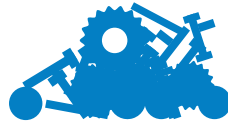
A few years before the European Green Deal emerged, Interpipe made the largest environmental investment in the Ukrainian industry, investing \$1 billion into the construction of the innovative electric steel-making complex Interpipe Steel. It enabled Interpipe to achieve one of the lowest greenhouse gas emission intensity in the global steel industry – lower than 250 kg per ton of steel billets – that reflects low carbon nature of Interpipe production.



## LOW CARBON FOOTPRINT

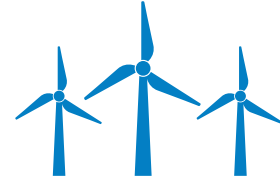
<110 kg/ton of steel (Scope 1)

<230 kg/ton of steel (Scope 2)



## RECYCLING DEVELOPMENT

96% of steel produced from scrap



## CLEAN ENERGY USAGE

Over 65% of energy comes from environmentally sustainable sources

INNOVATIVE DANIELI TECHNOLOGIES AT INTERPIPE STEEL ENABLES TO PRODUCE 1,320,000 TONS OF STEEL BILLET ANNUALLY

Electric arc furnace, 160 tons	Twin tank vacuum-degasser
Twin position ladle furnace	Two continuous casting machines

INTERPIPE STEEL IS THE LARGEST “GREEN” INVESTMENT INTO UKRAINIAN STEEL INDUSTRY DURING THE LAST 30 YEARS

State-of-the-art gas collection and purification system allows the efficient collection of gas and dust, generated during the steel-melting process

Completely closed circulating water supply system of the mill, without any industrial wastewater discharge

INTERPIPE STEEL ENSURES 100% NEEDS IN STEEL BILLETS FOR RAILWAY PRODUCTS MANUFACTURING. THE MILL HAS DEVELOPED WIDE PRODUCT PORTFOLIO OF PIPE STEEL GRADES FOR INTERPIPE CUSTOMERS.





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