

Erciyas Steel Pipe Group

Corporate Overview



ERCIYAS

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Agenda

I. Erciyas Holding **ERCİYAS**

II. Erciyas Steel Pipe Group

- Overview
- Production Capabilities
- Achievements
- Products
- Quality Assurance
- Project Management & HSE
- References





PIPELINES



600k Mtons/yr
steel pipe
production capacity

RAILWAYS /
LOGISTICS



1,000 wagon/yr production
1,500 wagon/yr
maintenance and overhaul

ENERGY



175k MWh/yr production
55 MW WPP
1080 MW CCGT+Solar

MOBILITY



+200k/yr mobility
production capacity
~8% Dutch market share

REAL ESTATE &
OTHER



Land, Residential,
Office investments

Founder's History

1970 **MANNESMANN**

A.K.Erciyas started working in Mannesmann PipeWerke as QC Engineer

1978 **Kalibre Boru**

A.K.Erciyas f.. Kalibre Boru with his two other partners.

High precision cold drawn tube manufacturing facility.

1985

A.K.Erciyas f. Sanmal Trading Co. For trading tubes and tubular products

1989 **EE**

Erciyas Endüstri f. Later to be renamed into Erciyas Holding

1990 **ERCİYAS**

Erciyas Steel Pipe f.

1995 **Ozbal Steel Pipe f.**

Ozbal Steel Pipe f.

1996 **BIMAS Bicycle f.**

BIMAS Bicycle f.



2009

Turkey's 25th biggest exporter
Turkey's 98th biggest company



2000

İSKİ Melen

«World's Largest Diameter Pipe»

2003 **RC ENDOCETRI**

RC Industry f.

Acquisition of: BİMAŞ Bicycle

1997

New pipe production facility of 120k Mtons/a.

2010

Fortune 500
«Second Largest Growing Company»



2008

320k Mtons/a. pipe prod. cap.
1,300 km Tamanrasset- In Salah
«World's Longest Pipeline single manufacturer undertook»



2011

450k Mtons/a.
pipe prod. cap.



2013

Briza Energy f.
« Project with largest turbines in Turkey»



2014

TANAP (540 kms)
Bimas Bikes NV f.
Komet f.



2015

Acquisition of:
Özbal Steel Pipe
Combined pipe prod.
cap. 600k Mtons/a.
Glober Logistics f.
Övgün Real Estate f.



2016

Acquisition of:
RC Industry
prod. cap. 1000 wagon/a.
Maint. cap. 1800 wagon/a.



2018

Acquisition of:
100% stake Bimas Bikes
NV (Netherlands)

2020

Establishment
of Erciyas
Vagon



2022

Erciyas Steel
Pipe & Ozbal
Merged,
Erciyas Steel
Pipe is in the
Stock Exchange

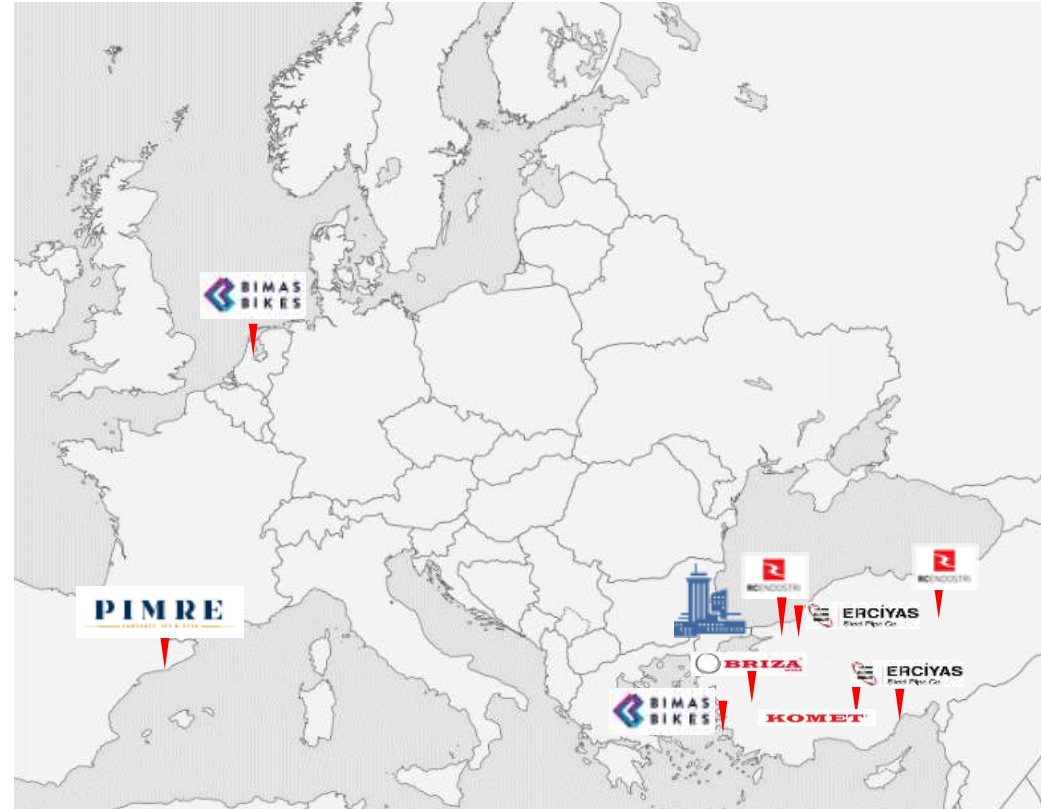


f.: founded
a.: annum
prod.: production
maint.: maintenance
cap.: capacity

- Established in **1989**; private company **wholly-owned** by Erciyas family
- Main operating areas:
 - **Pipelines**
 - **600k tons** steel pipe production capacity per annum
 - **Railway/Logistic**
 - **1,000 wagons** production, **1,500 wagons** maintenance and overhaul capacity per annum
 - **Energy**
 - **175k MWh** electricity production per annum (53 MW WPP)
 - **1,080 MW** CCGT and solar under construction
 - **300 MW** renewable energy production projects under development
 - **Bicycle**
 - **+200k bicycle** production capacity per annum
 - **Netherlands based sales & marketing platform** with c. 8% market share in own brands' segment
- +1,000 employees
- Complete “0” carbon footprint



- **Steel pipe** production facilities in Düzce and Mersin 
- **Railway (rolling stock)** manufacturing and overhauling in Sakarya and Sivas 
- **Bicycle production** facility in İzmir 
- Benelux **bicycle sales and distribution** center in the Netherlands 
- **Wind Farm** in Balıkesir 
- **Hybrid Combined Cycle** Power Plant in Karaman 
- **Solar** power plants in Izmir and Balıkesir
- **Logistics** company in Istanbul 
- **Real estate** investment and development in Spain and Istanbul 



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- **Broad geographic presence** via production hubs in Northwest and South Turkey (Düzce and Mersin)
- **600k tons of production capacity** per annum (Duzce Mill 450k tons, Mersin Mill 150k tons)
- **Largest line pipe production capacity** for HSAW in Europe, Turkey and Middle East under single roof
- **Leader** in HSAW production and export sales in Turkey

Snapshot

- 600k ton annual production capacity
- 350 employees in two plants
- Oil, gas, water and piling pipes
- c. 90% of revenues sourced in FX





Düzce Facility



Mersin Facility



Coating & Lining



110,000 sqm total area (closed 30k)

450,000 Mtons/yr production capacity

Biggest line pipe production capacity under single roof in EU, Turkey, and Middle East

Capacity to produce up to **API 5L X-100**

Diameter **273 – 4064 mm (10” – 160”)**

Wall thickness **4 mm – 35 mm**

Certified coating and lining adequate for all kinds of potable water, oil and gas pipelines

42,000 sqm total area (closed 16k)

150,000 Mtons/yr production capacity

Strategic location in South Mediterranean coast of Turkey

Capacity to produce up to **API 5L X-80**

Diameter **165 – 2540 mm (6” – 100”)**

Wall thickness **3 mm – 25 mm**

Certified coating and lining adequate for all kinds of potable water, oil and gas

Coating

Epoxy
Glass Flake Epoxy
Fusion Bonded Epoxy (FBE)
Polyethylene (PE)
Polypropylene (PP)
Polyurethane (PU)
Reinforced
Concrete Coating

Lining

Solvent Free Epoxy
Flow Coat Epoxy
Cement Mortar
Polyurethane (PU)

Oil & Natural Gas Line Pipes

API 5L PSL-2
ISO 3183
EN 10208-2
CSA Z245.1
IPS
GOST



Steel pipes produced by Erciyas are used globally including **Europe, NAFTA and CIS** countries in **high pressure oil & gas pipeline** projects. **Extensive global track record** in high strength oil & gas pipelines

External Coating:

Fusion Bonded Epoxy (FBE)
Polyethylene (PE)
Polypropylene (PP)

Internal Coating:

Flow Coat Epoxy

Water Line Pipes

API 5L PSL-1
API 5L PSL-2
EN-10217
EN-10224
DIN 1626
GOST



Erciyas provides **various pipe end connection types** such as plain, beveled, cylindrical, spherical and e-joint

External Coating:

Polyethylene (PE)
Reinforced Concrete Coating
Epoxy

Internal Coating:

Cement Mortar
Polyurethane (PU)
Solvent Free Epoxy

Piling / Structural Pipes

ASTIM A-252
ASTIM A-253
ASTIM A-53
EN 10219



Erciyas provides **corrosion coating for piles** as well as different attachment alternatives such as pile shoes, reinforcement rings, interlocks, stiffeners etc.

External Coating:

Epoxy
Glass Flake Epoxy

Quality Assurance

Erciyas has been continuously developing itself to meet top standards and **never jeopardize** any defect.

Our certificates consist of;

ISO 14001	API 5L
OHSAS 18001	APIQ1
ISO 9001:2008	CE
ISO/TS 29001	AD 2000-W0
EN 10208-2	ZETOM
EN 10217-1	(B Marking for Poland)
ISO 3183	EN ISO 17025:2005
ISO 21908	
ISO 3834	

Erciyas has accredited
laboratories acc. to
ISO 17025.



Integrated Project Management

Erciyas assigns a **project manager** to each project for effective "**project management**" according to *customer demands, planning, coordination, integrated logistics management, after-sales services.*

The communication between different project stakeholders is determined by our **project system**, and the communication structure is managed via **CRM / ERP systems**.

Erciyas creatively diversifies the selection of the mode of transportation and handling process in order to ensure the delivery, timely and safely to avoid any damage during handling and transportation activities.

Health, Safety and Environment

Erciyas takes active steps to ensure Health, Safety and Environmental concerns are addressed throughout the planning, production, delivery and the pipe yard operations.



References



Client **FGSZ Natural Gas Transmission Private Co. Ltd.**

Prod. St. **ISO 3183**

Steel Gr. **L485ME**

Isolation **internally Flow coat Epoxy & externally min.
4,2 mm Polyethylene
Externally GRP coating onto PE only for 612 meters**

O.D. **48" (1219,2 mm)**

W.T. **17,5 mm & 25 mm**

Quantity **15 012 meters – 8.320 tons**



Client **ISRAEL NATURAL GAS LINES LTD.**

Prod. St. **API 5L PSL2**

Steel Gr. **X 70 API 5L PSL 2**

Isolation **internally Flow coat Epoxy & externally min.
4,5 mm Polyethylene**

O.D. **36" (914,4 mm)**

W.T. **17,8 mm**

Quantity **10.200 meters – 4.014 tons**



Client BOTAS - Gazprom
Prod. St. API 5L PSL2
Steel Gr. X65 PSL2
Isolation 3L PE & BARE
O.D. 48" (1219,2 mm)
W.T. 22,2 mm, 14,3 mm, 17,5 mm
Quantity 23.150 meters – 10.000 tons



Client **BOTAS - SOCAR - BP**

Prod. St. **API 5L PSL2**

Steel Gr. **X70 PSL2**

Isolation **3L PE & Flow Coat Epoxy**

O.D. **56" (1422,4 mm), 48" (1219,2 mm)**

W.T. **19,45 mm, 16,67 mm**

Quantity **213.000 meters – 137.066 tons**



Client CLOVER PIPELINE PTY LTD.
REWA PROJECT (SUVA, FIJI)

Prod. St. EN 10224

Steel Gr. S275 JR

Isolation internally Cement Mortar, externally 3Layer
Polyethylene

O.D. 36" (914,4 mm)

W.T. 6 & 8 mm

Quantity 25.327 meters ~ 3.738 tons





Client **ADE**

Prod. St. **API 5L PSL1**

Steel Gr. **X42 PSL1**

Isolation **3L PE & Epoxy**

O.D. **56" (1422,4 mm), 28" (711,2 mm)**

W.T. **14,3 mm, 8,7 mm**

Quantity **1.300.000 meters – 320.000 tons**

**Biggest Pipeline Project
a single manufacturer undertook**





Client ISKI - DSI

Prod. St. EN 10217-1

Steel Gr. S275 JR

Isolation 3L PE & Cement Mortar

O.D. 120" (3048 mm)

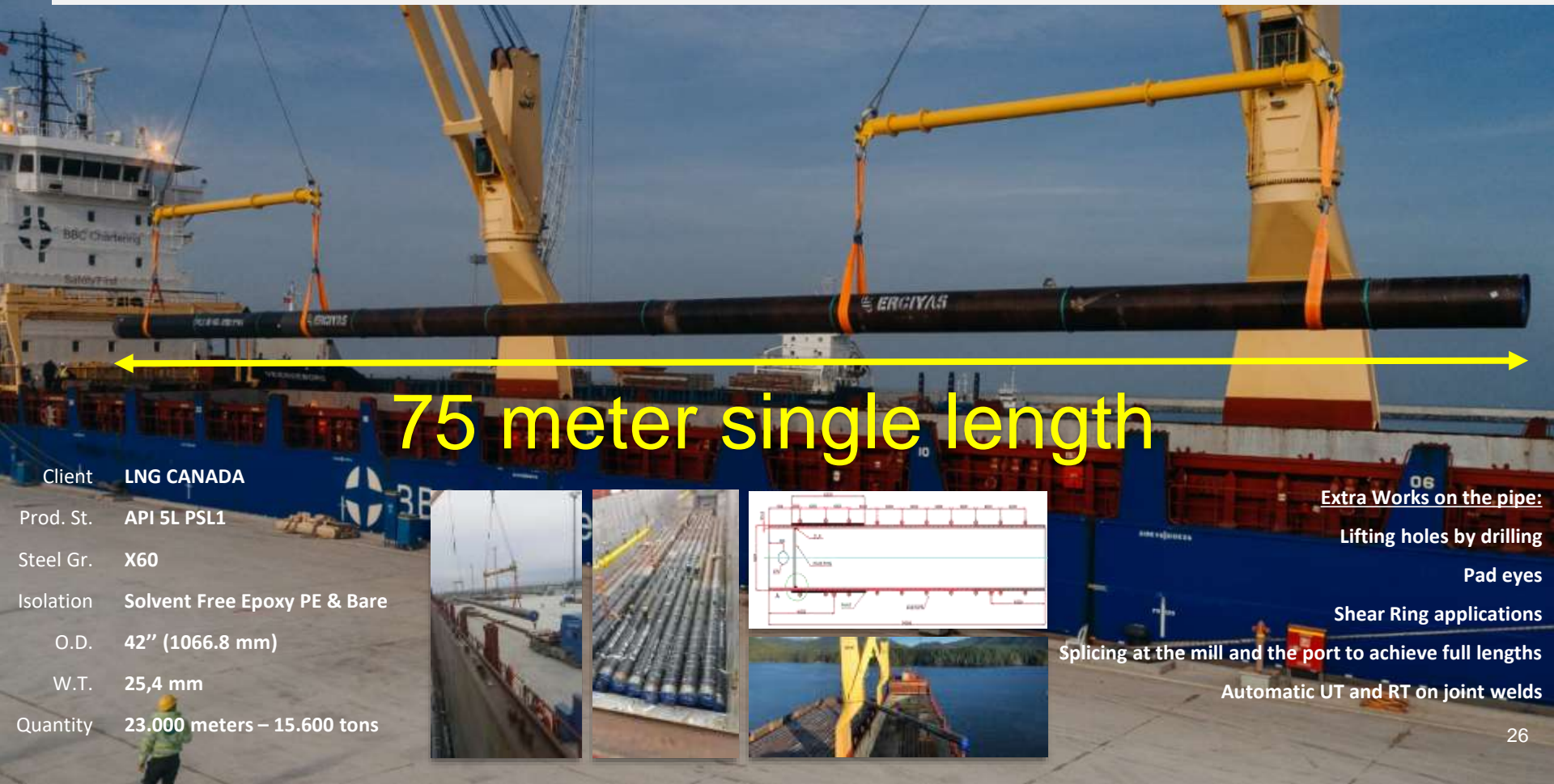
W.T. 25,4 mm

Quantity 50.000 meters – 93.200 tons



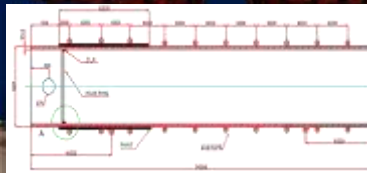


Morocco / Multiple	Client
EN 10224	Prod. St.
S355 JR	Steel Gr.
3L PE & SFE	Isolation
127,4" (3236 mm) – 127" (3228,8 mm)	O.D.
18 mm – 14 mm	W.T.
15.473 meters – 17.405 tons	Quantity



75 meter single length

Client	LNG CANADA
Prod. St.	API 5L PSL1
Steel Gr.	X60
Isolation	Solvent Free Epoxy PE & Bare
O.D.	42" (1066.8 mm)
W.T.	25,4 mm
Quantity	23.000 meters – 15.600 tons



Extra Works on the pipe:

Lifting holes by drilling

Pad eyes

Shear Ring applications

Splicing at the mill and the port to achieve full lengths

Automatic UT and RT on joint welds



Client **Grafist doo**

Prod. St. **EN 10219**

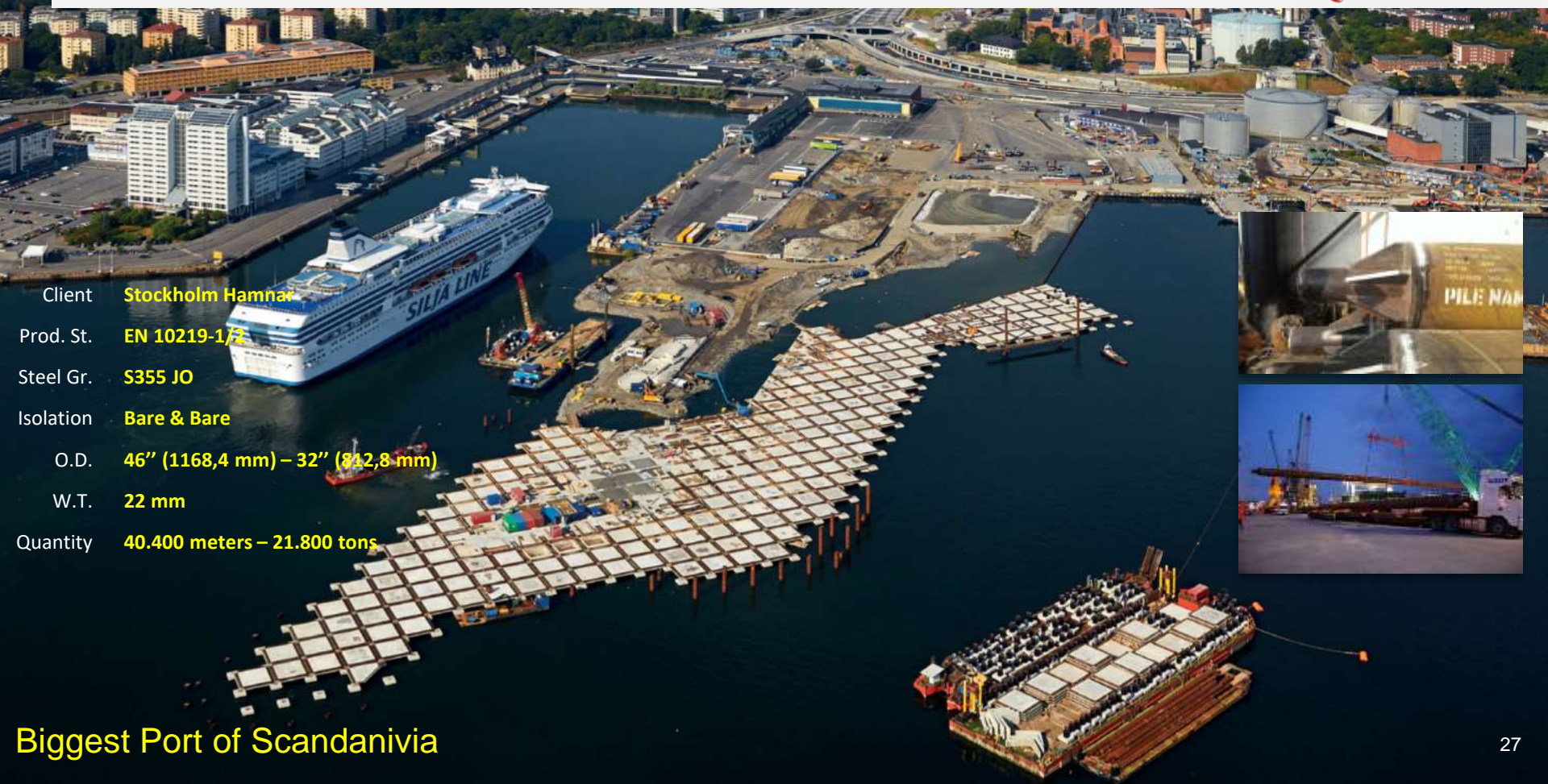
Steel Gr. **S355J2**

Isolation **Bare**

O.D. **20'' (508, 812,8, 1016 mm)**

W.T. **12, 14 mm**

Quantity **22.417 meters – 6.678,42 tons**



Client **Stockholm Hamnar**
Prod. St. **EN 10219-1/2**
Steel Gr. **S355 JO**
Isolation **Bare & Bare**
O.D. **46" (1168,4 mm) – 32" (812,8 mm)**
W.T. **22 mm**
Quantity **40.400 meters – 21.800 tons**



Biggest Port of Scandanivia



Wintershall	Client
API 5L PSL1	Prod. St.
X60	Steel Gr.
Bare & Bare	Isolation
20" (508 mm)	O.D.
25,4 mm	W.T.
1.300 meters	Quantity

20" x 1"

Smallest Diameter with Highest Wall Thickness



Client **Istanbul Municipality**

Prod. St. **EN 10219-1/2**

Steel Gr. **S355 J0**

Isolation **Bare & Bare**

O.D. **46" (1168,4 mm) – 32" (812,8 mm)**

W.T. **22 mm**

Quantity **40.400 meters – 21.800 tons**





Erdgas Zurich Transport	Client
EN 10208-2	Prod. St.
L485 MB (X70)	Steel Gr.
3L PE & Flow Coat Epoxy	Isolation
56" (1422,4 mm)	O.D.
25,5 mm	W.T.
4.100 meters – 3.650 tons	Quantity



Client **Vattenfall**

Prod. St. **EN 10208-2**

Steel Gr. **L555 MB (X80)**

Isolation **3L PE & Bare**

O.D. **56'' (1422,4 mm)**

W.T. **21,6 mm**

Quantity **6.300 meters – 4.700 tons**



Client **Ienova**

Prod. St. **API 5L PSL2**

Steel Gr. **API 5L X70 M**

Isolation **FBE & Bare**

O.D. **30" (762 mm)**

W.T. **15,67 mm – 13,08 mm**

Quantity **15.800 meters – 4.400 tons**



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Carries Life

