



διανομή αερίου
αττικής
ΕΤΑΙΡΕΙΑ ΔΙΑΝΟΜΗΣ ΑΕΡΙΟΥ ΑΤΤΙΚΗΣ Α.Ε.

ATTIKI GAS DISTRIBUTION COMPANY

The Gas Distribution Network Operator in Attica

The new landscape in Gas Distribution

Anastasios Tosios
Distribution Operating Director

27.09.2017

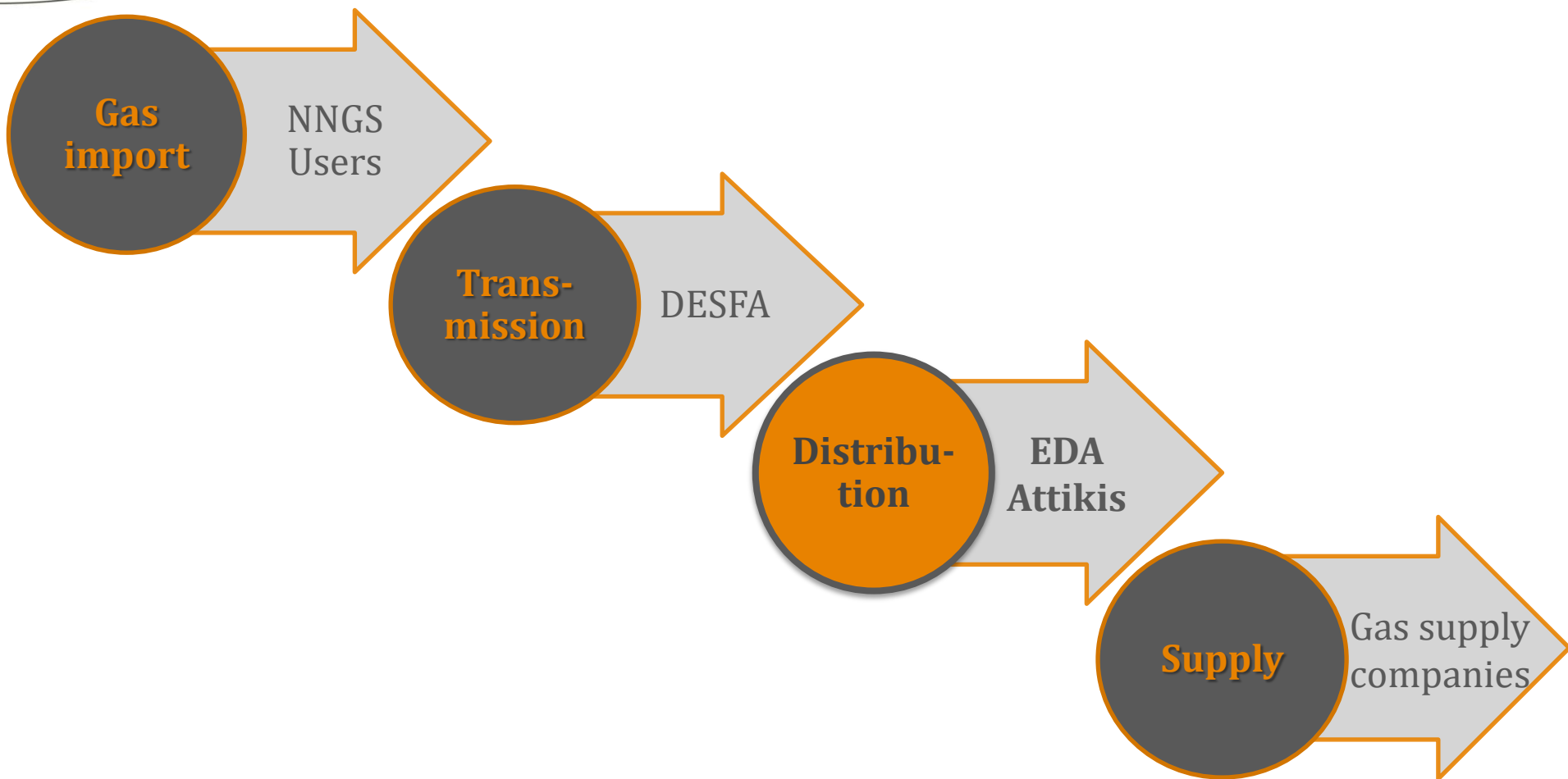
THE NEW LANDSCAPE IN GAS DISTRIBUTION IN ATTICA

EDA ATTIKIS

The regulatory framework

- ▶ Since January 2017, EDA Attikis operates as the gas distribution operator in Attica aiming at ensuring:
 - the operation, maintenance and development of gas distribution network in the Attica region
 - the development & growth of the gas market
 - the connection of residential, commercial and industrial customers in a safe, reliable and effective way
- ▶ EDA Attikis's activity is subject to rules and obligations as indicated in the Distribution Network Code, Tariff and Metering Regulations

Our activity



Our Strategy



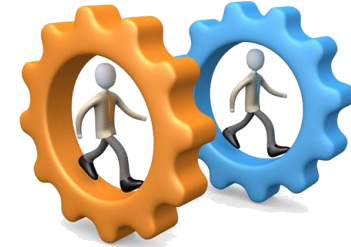
Safety

- Safe network operation
- Personal safety
- Road safety



Sustainable development

- Distribution volumes increase
- Penetration growth in current and new network
- Network users and end customers satisfaction increase
- Non-regulatory services development



Operational excellence

- Productivity and resource efficiency
- Compliance with the regulatory framework
- Optimization of operations and processes
- Human resources satisfaction

Our targets



0 accidents in people and gas infrastructure



20.000 new residential connections



319 Nm³ / 3,7 m. MWh gas distribution



€11 mln investments in network development and connection incentives

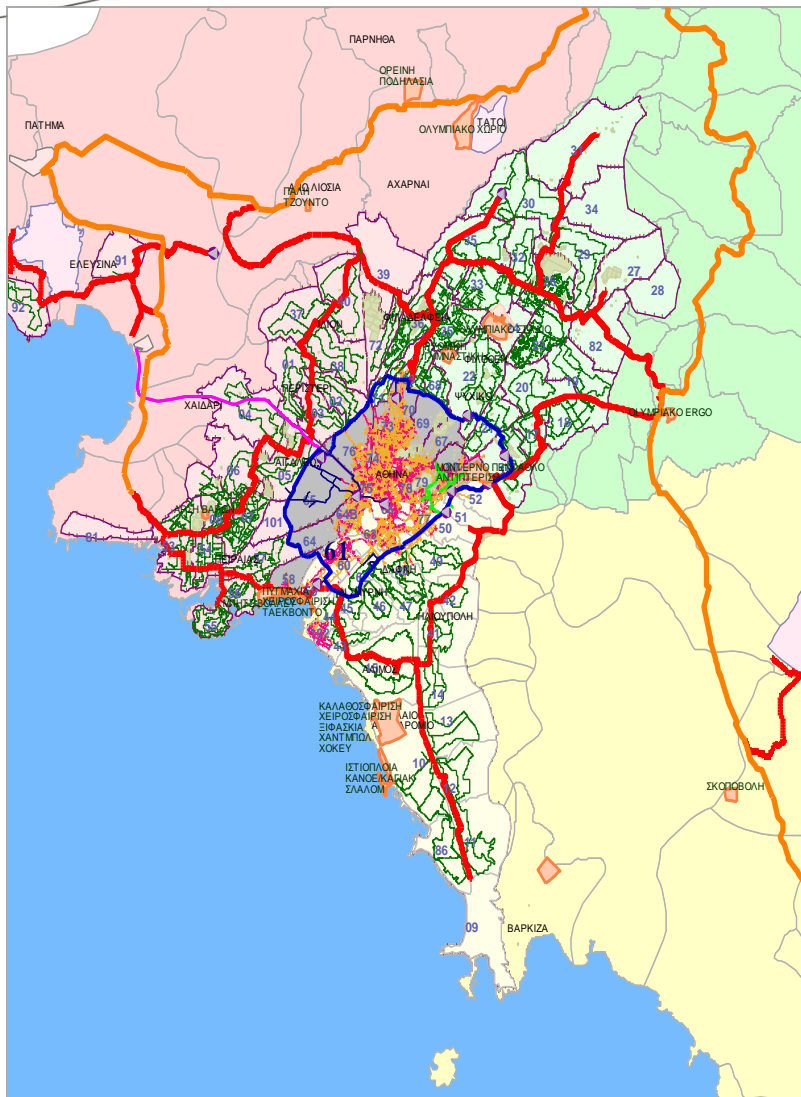


150 authorized dealers points

INVESTMENTS IN DISTRIBUTION INFRASTRUCTURE

ATTIKI GAS DISTRIBUTION NETWORK DEVELOPMENT PLAN

Gas Distribution System in Attica



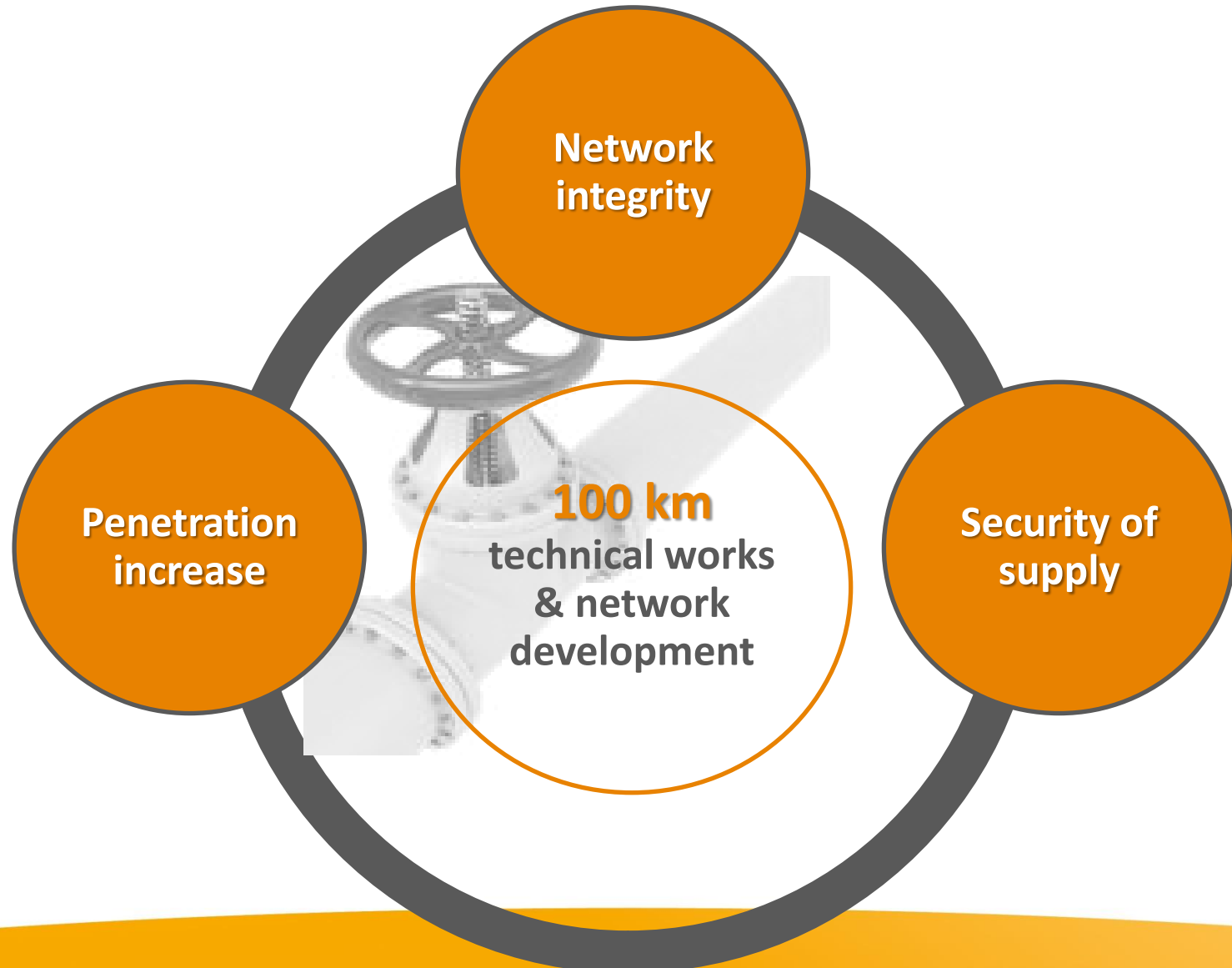
Medium pressure

- ⚠ 320 km 19 bar network
- ⚠ 145 D/R stations 19/4 bar

Low pressure

- ⚠ 3.080 km total LP network
 - 2.530 km 4bar network
 - 550 km 25mbar network (Athens center)
- ⚠ 84 stations 4/0,025 bar
- ⚠ ~60.000 service lines
- ⚠ ~105.000 meters

Distribution network development plan 2017-2021



SPECIAL PROJECTS & INITIATIVES

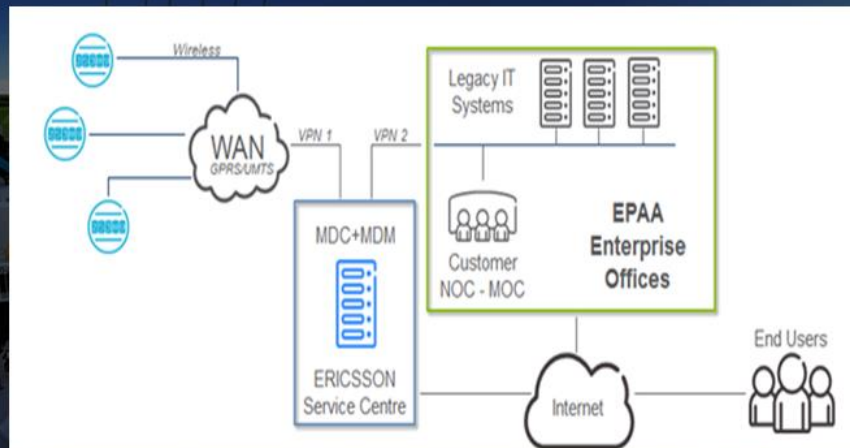
E-PLATFORM / SMART METERS

Customer Interface

- ▶ E-platform to address gas market needs
 - ▶ **Network users:** Authorized platform to manage switching among different suppliers
 - ▶ **Engineers:** Web application for the management of internal installation studies & gas-on process
 - ▶ **End customers:**
 - ▶ Web application for the submission & management of customers' requests & complaints
 - ▶ Web application for network availability tool to support new connections
 - ▶ Online payment – Online booking for gas-on appointment – Online meter reading
 - ▶ Online communication of technical works/emergencies

Smart Meters

Ericsson's MiM - Smart Metering Solution Architecture overview



Smart Meters with GPRS/2G
by METER ITALIA



Data logger with GPRS/2G
PicoDatcom by ELGAS

INVESTMENTS IN CONNECTION INCENTIVES

SUBSIDY & CONNECTION FEES

Investment in connection incentives for 2017 by EDA Attikis

▷ 100% discount in connection fees |
€1,5m. investment

▷ Internal installation subsidy scheme |
€3,8 m. investment

▷ Riser connections



**Reduction of total customer
connection cost up to 50%**

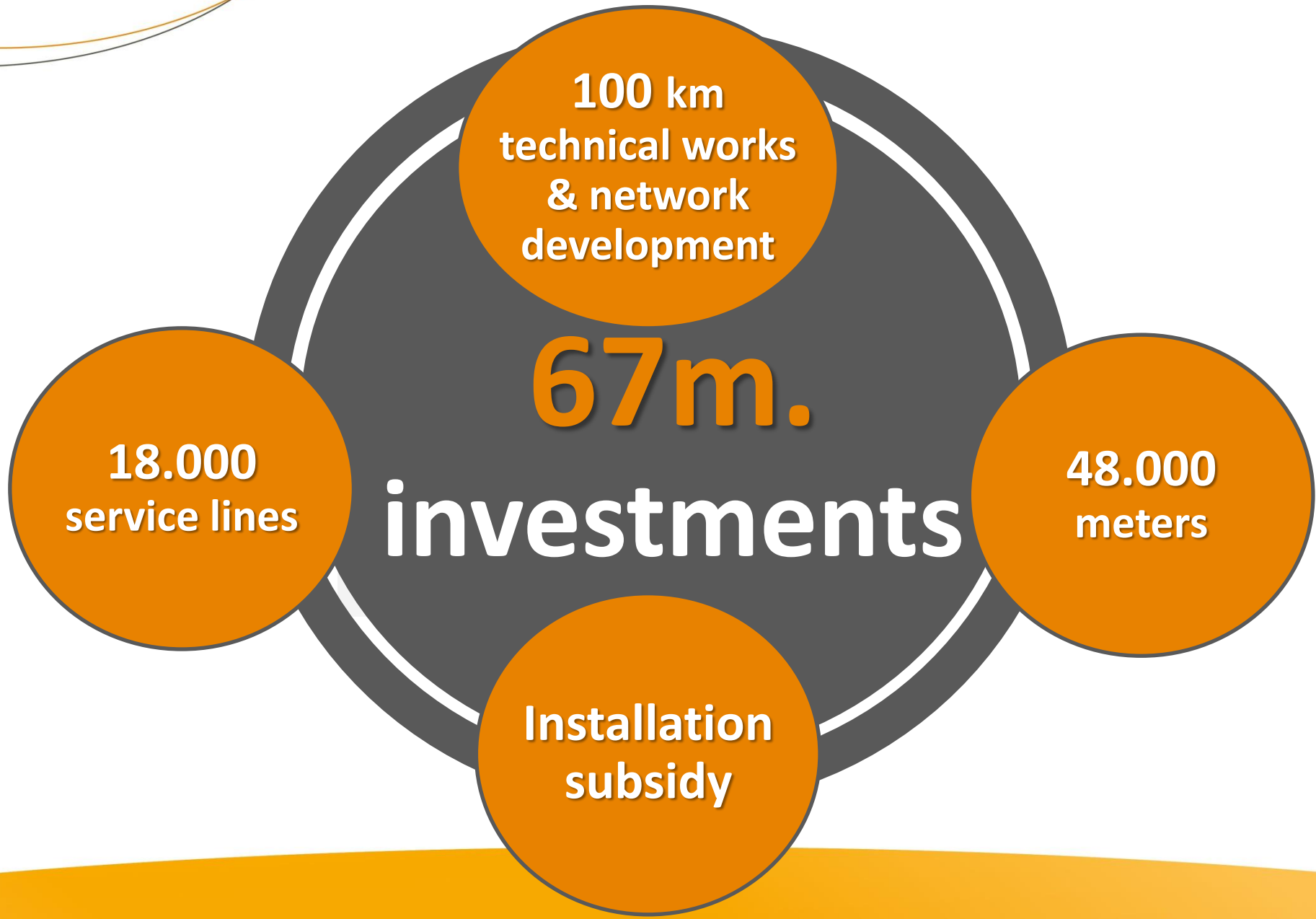
Subsidy program

- ⚡ **Internal installation subsidy scheme** for central and individual heating customers in replacement of current heating systems
- ⚡ **Saving of €3.000** for a central heating connection and **€750** for an individual one
- ⚡ Until the available budget is exhausted

Program effectiveness

- ⚡ **65% raise in new household connections** (17.000 in 2017 vs 11.000 in 2016)
- ⚡ **24m. estimated turnover** for the heating market professionals
- ⚡ **10m. tones reduction in CO₂ emissions**

Investments 2017-2021





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Thank **you!**