Cybersecurity: stato dell'arte, sistemi di difesa e resilienza

Roma, Palazzo Wedekind, Piazza Colonna 366, 4 aprile 2022

Securing a Fully Digital Gas Distribution Infrastructure

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V CONFERENZA NAZIONALE

Partenariato cybersecurity privacy

Italgas Smart Grid

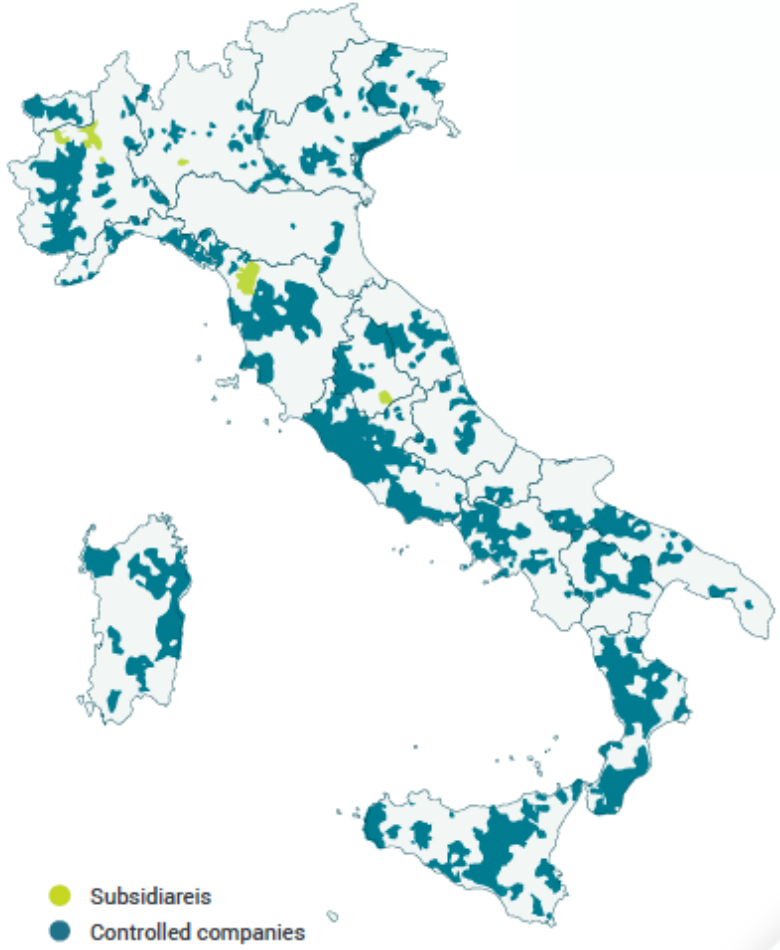
Accept and blend different gases

Reduce direct energy consumption

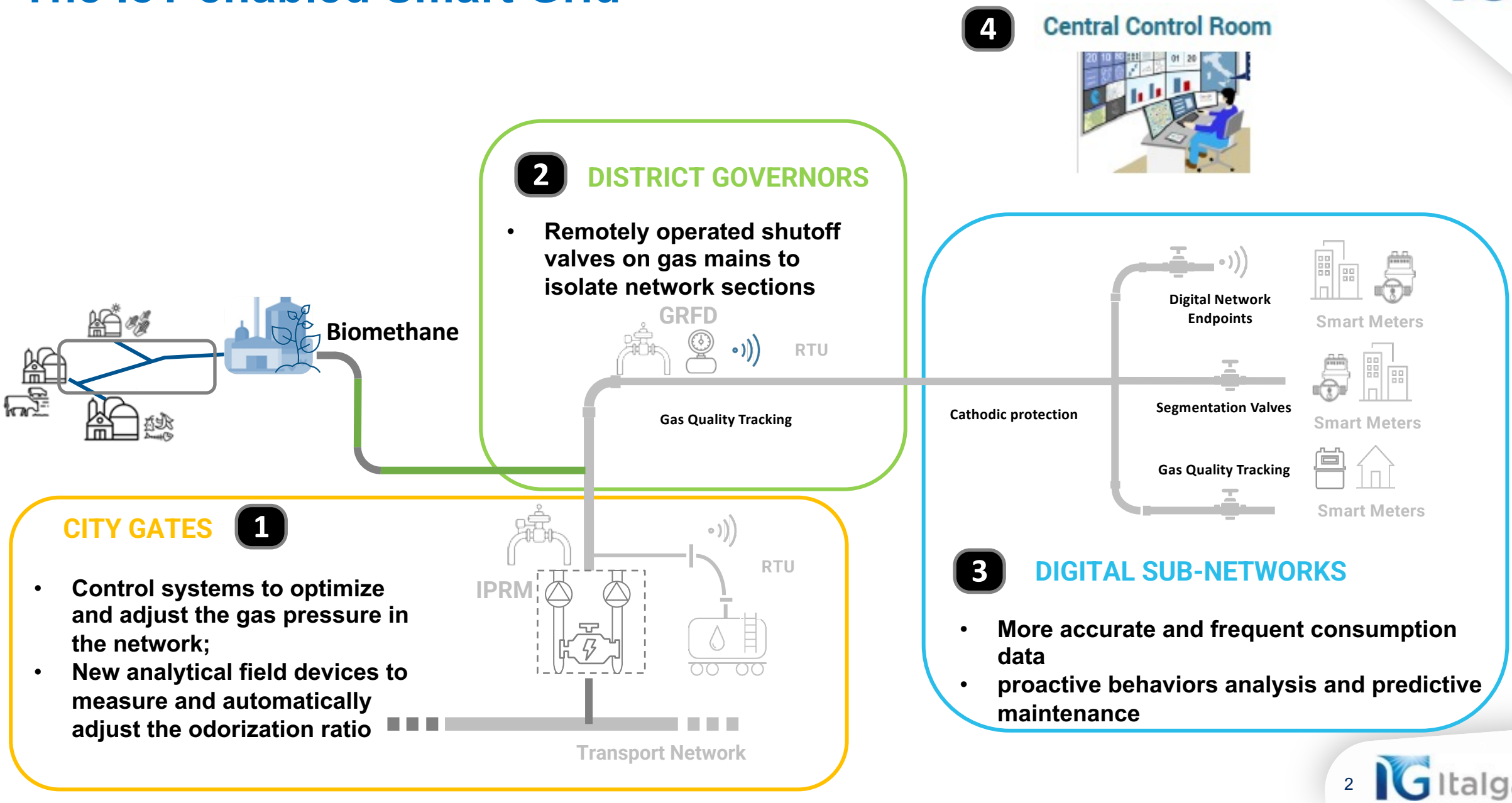
Increase operations efficiency

The most digitalized, advanced and automated in Europe

Network length	>74.000 Km
Redelivery Points	>7,7 Mln



The IoT enabled Smart Grid



The pillars of our digital transformation strategy

Assets digitalization	Processes automation	People & Org
Cloud		
Platforms and Data		
Digital Factory		

Manage every entity access to systems and services

MULTI FACTOR AUTHENTICATION

- For employees, suppliers, customer and end-users

PROTECT PRIVILEGED USERS

- Implement Privileged Access Management (PAM) to secure and control Admin users; reduce local rights

ROLE BASED ACCESS

- Design Access management rules according to least right principle

Leverage Intelligence to identify, assess and mitigate risks

OPENSOURCE DATA

FEDERATED SOURCES

COMPANY INFORMATION

Cyber Threat Intelligence

- Discover vulnerabilities
- Company Customer Credential Exposed
- Employees personal credentials exposed
- Suppliers' credential exposed
- Phishing campaigns under development
- …

Integrated Intelligence Framework

Crimes and Territory Events

- Territory related criminal events & trends
- Police Forces Operations
- Anarchists' group actions and social unrest
- …

Integrated Security