

Shaping tomorrow everyday

BORSA ITALIANA
INFRASTRUCTURE DAY 2023

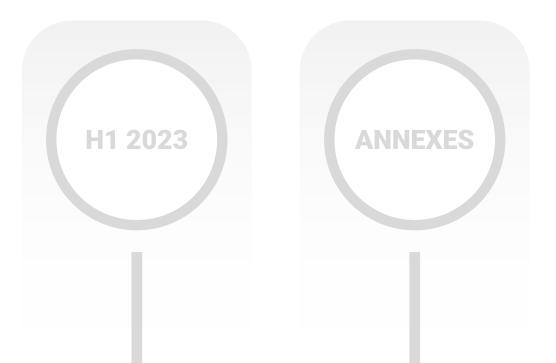
7th September 2023



BUSINESS PLAN

STRATEGY ACTION PLAN FINANCIALS

RESULTS



ALL STRATEGIC PILLARS CONFIRMED



Local presence



DAY 2023

INVESTOR

STRATEGY

ACTION PLAN

FINANCIALS

HT 2023

ANNEXES

Support energy independence

Counter climate change and responsible use of resources

Electrification of consumptions

Strong technical expertise

Capability to execute Repower EU funded investments

Become a preferred partner for local stakeholders (Public-Private Partnership) Reinforce competitive strength

Expand offerings of integrated services

Increase physical and digital presence



STRATEGIC VISION REINFORCED

INVESTOR DAY 2023

NEW SCENARIO

IREN STRATEGY







STRATEGY

GEOPOLITICAL

Energy crisis characterized by higher gas costs and need for supply independence

Development of renewable capacity and of energy communities

 $\sqrt{}$



ACTION PLAI

Disruption of logistics supply chains with impact on the availability of raw materials

Increase in material recovery capacity

 $\sqrt{}$

 $\sqrt{}$

FINANCIALS

EUROPEAN REGULATORY

Acceleration in the **electrification** of consumptions

Increased energy efficiency requirements for buildings

Repower EU

Infrastructure development, new consumption patterns, e-mobility

Integrated services portfolio development

Partner for territories in growth investments

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H1 2023

ANNEXES

MACROECONOMIC

Rising interest rates: tight monetary policy to counter high inflation

Strengthened positioning in regulated businesses

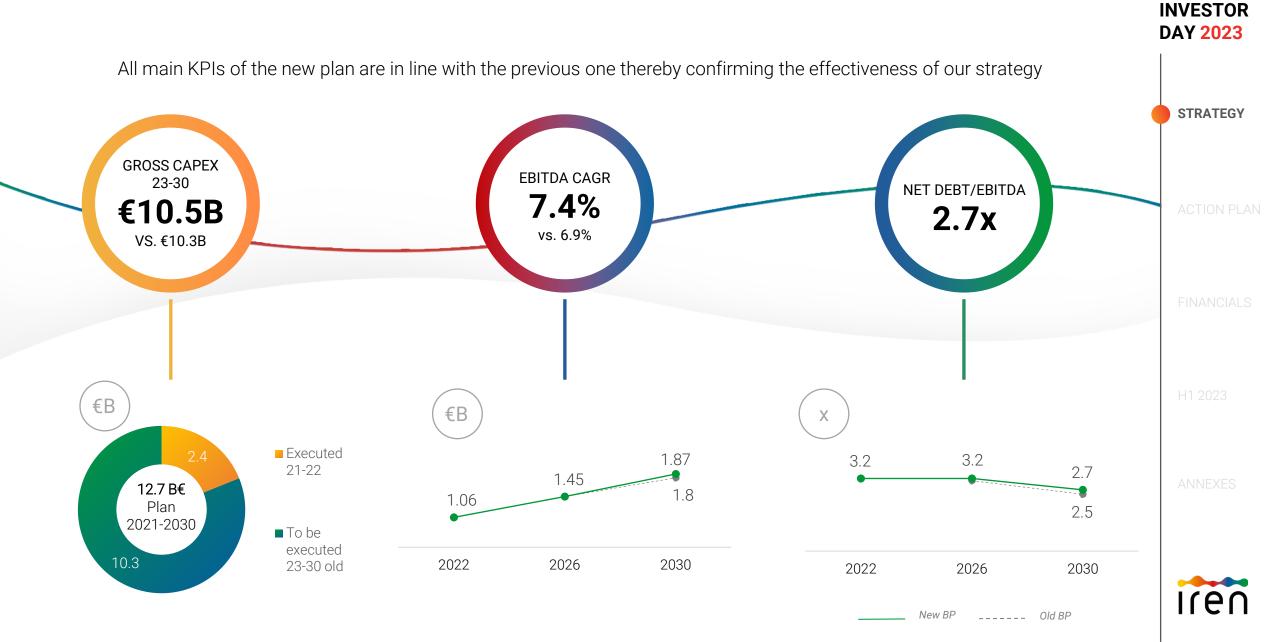








NEW BUSINESS PLAN MAIN KPIs





80%

of investments for a SUSTAINABLE GROWTH **INVESTOR DAY 2023**

STRATEGY

DECARBONIZATION

CARBON INTENSITY



BASED

LEADER IN CIRCULAR **ECONOMY**

NET WASTE TREATMENT CAPACITY



SUSTAINABLE WATER **MANAGEMENT**

WATER LEAKAGES







95%

of investments are

IN OUR REFERENCE AREAS

INVESTOR DAY 2023

STRATEGY

ACTION PLAN

PREFERRED PARTNER

M inhabitants served



ENERGY COMMUNITIES



KNOW-HOW TO SUPPORT THE NATIONAL SYSTEM



FINANCIALS

H1 2023





50%

of investments to improve our SERVICE QUALITY

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STRATEGY

ACTION PLAN

SERVICE QUALITY

PURIFICATION CAPACITY

+15%

E.E. INTERRUPTION FREQUENCY (SAIFI)

-40%

DIGITALIZATION

E.E. & GAS SMART METERS

100%

WATER NETWORK DISTRICTUALIZATION

90%

CUSTOMER SATISFACTION

INCREASE IN LOCAL PRESENCE

+55%

INSOURCING OF CUSTOMER OPERATIONS' KEY ACTIVITIES

75%

1117/11/01/12

H1 2023



INVESTOR

INVESTMENTS FULFILLING ALL OUR STRATEGIC PILLARS: FOCUS ON RENEWABLES AND ENERGY COMMUNITIES

Green transition

RENEWABLE ENERGY DEVELOPMENT

 Development of 3 GW of photovoltaic (70%) and wind (30%) onshore and offshore capacity including co-development projects



- 15% of total renewable capacity with "development and management" business model
- Acceleration of growth with minority financial partner



ENERGY COMMUNITIES

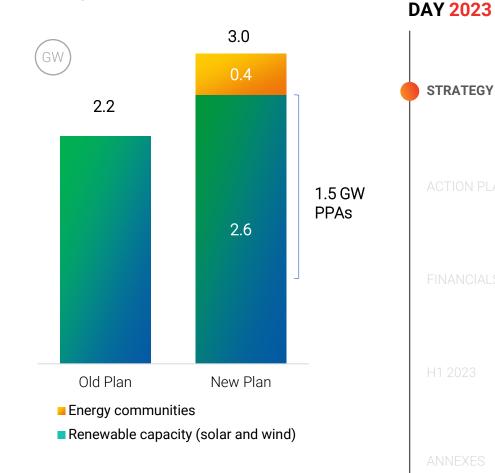
 Boost on energy communities in reference territories for 0.4 GW





STABILIZING ENERGY PRICES

- Renewable capacity development integrated with customer portfolio (B2C and B2B coverage)
- Long-term PPAs for effective energy management (60%)



Current renewable capacity (solar & wind) FY2022:

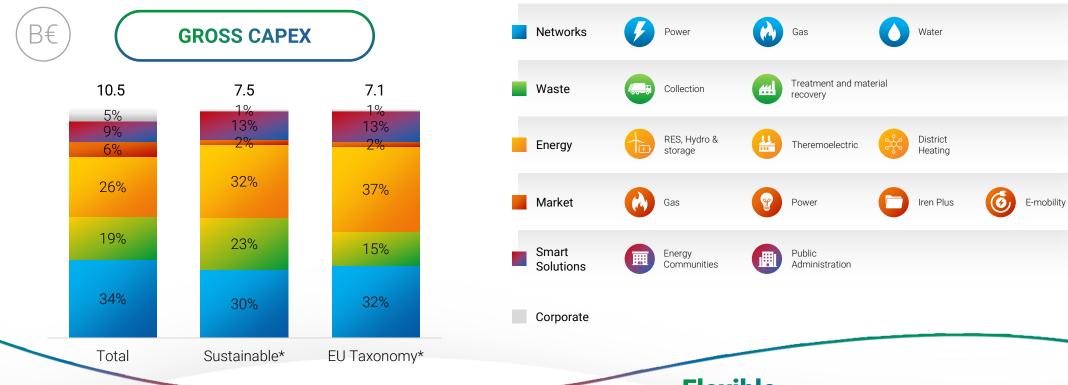
- 145 MW installed
- 70 MW under construction
- >400 MW under authorization



HIGHLY SUSTAINABLE INVESTMENT PLAN



STRATEGY



Resilient

70% regulated and semiregulated activities

Highly sustainable

80% sustainable investments*, 75% eligible* for EU Taxonomy

Flexible

30% mandatory investments

Including external growth

12% consolidation, M&A, tenders

Financially affordable

Incl. 20% external fundings/financial partners



* Only organic investments

ADDITIONAL GROWTH OPPORTUNITIES — (CURRENTLY NOT INCLUDED IN THE PLAN)

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Iren can play a pivotal role on a number of additional strategic initiatives by leveraging:

Iren crucial industrial capabilities across several project phases:

Development / Design

Project management

Management

Limited capital commitment for the Group



Gioia Tauro Regasifier



Waste to Energy in the South of Italy



Waste to Chemical



Water networks development in the South of Italy



Further District Heating development (subject to contributions)

STRATEGY

ACTION PLAN

FINANCIALS

H1 2023

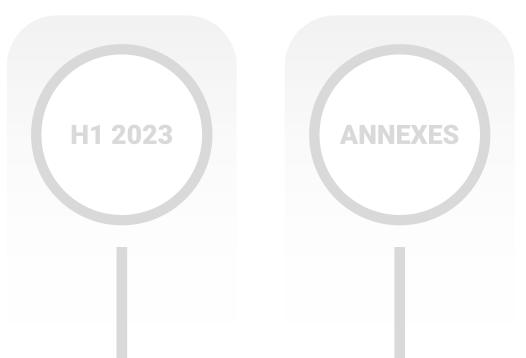




BUSINESS PLAN



RESULTS



NETWORKS: DOUBLING OF RAB TO 5B€ SUPPORTED BY SERVICE

EXCELLENCE



Network enhancement to improve operational efficiency and service quality resulting in RAB growth

Inorganic growth through consolidations and tenders also in the South of Italy



(€M

502

2022



700

2026

RAB

INVESTOR DAY 2023

ACTION PLAN

900

2030

ELECTRICITY NETWORKS

GAS

NETWORKS

Upgrade to «smart grid» by accelerating investments for:

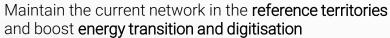
- performance improvement
- support to electrification of consumptions
- digitalization

Improvement of commercial quality and increase in operational efficiency

Repower EU funds for networks resilience



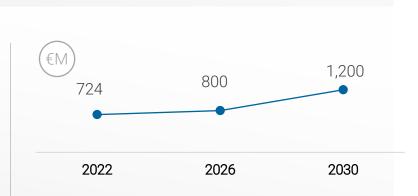




Development in strategic areas through tenders

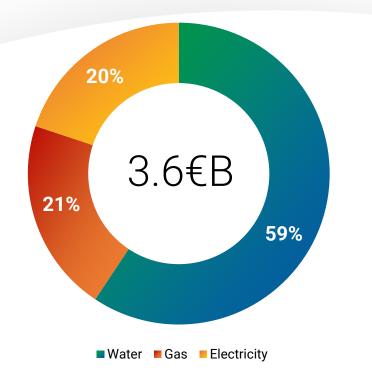
Financial exposure optimization through sale of minority interest to a financial partner within 2023



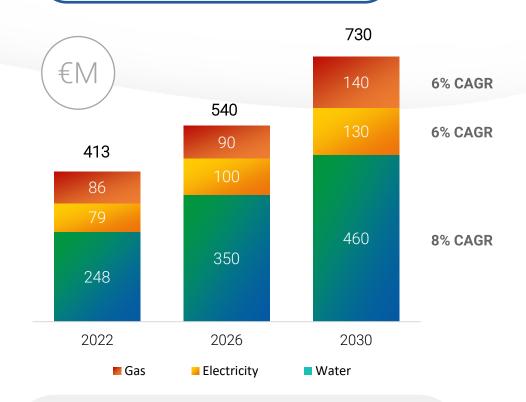


NETWORKS: VALUE CREATION THROUGH DEVELOPMENTS IN -STRATEGIC AREAS

CAPEX: 3.6€B







- Stable WACC
- Inflation impact on costs recovered through tariffs and RAB revaluation
- Efficiencies

INVESTOR DAY 2023

STRATEGY

ACTION PLAN

FINANCIALS

H1 2023



WASTE: COLLECTION EXPANSION TO SUPPORT MATERIAL AND ENERGY RECOVERY

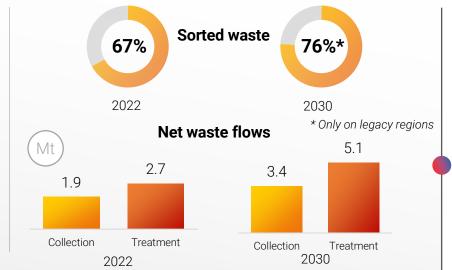
INVESTOR **DAY 2023**

COLLECTION

Territorial expansion (M&A, consolidations and tenders) to protect plant flows

Push on sorted waste collection with roll-out of "pay- as you throw" model

Push for automation and digitalization to increase efficiency



ACTION PLAN

Waste recovery

Waste recovery/

Waste treated

0.9

Energy

2.3

Material

2030

2030

1.3

Energy



Development of supply chains related to **urban** collection (organic fraction, wood, paper) to cope with the increase in the user base

Expansion in plastic treatment and recycling, also through partnerships

Positioning on emerging supply chains (electronics, textiles, batteries)

Development of 2 WTEs for regional needs

Remoduling of organic waste plants development linked to system overcapacity



Mt

8.0

Material

2022

63%

2022





WASTE: GROWTH DRIVEN BY INCREASING TERRITORIAL PRESENCE AND NEW FACILITIES

INVESTOR DAY 2023

STRATEGY

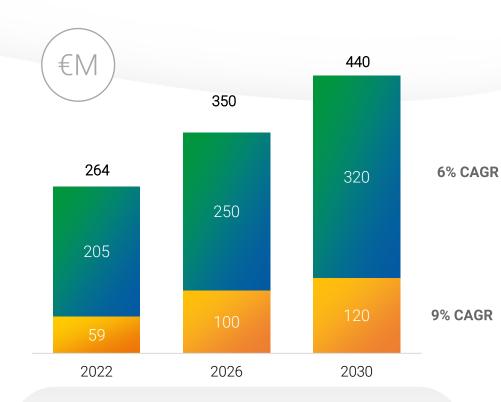
ACTION PLAN

FINANCIALS

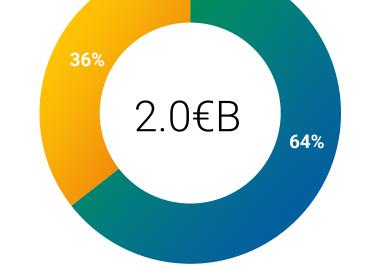
H1 2023

ANNEXES





- Positive effect of inorganic growth in collection
- Contribution of new treatment and material recovery plants



Collection

■ Treatment & material recovery

CAPEX: ~2.0€B



INVESTOR **DAY 2023**

ENERGY: PROGRESSIVE DECARBONISATION OF GENERATION

SOURCES

RES, HYDRO & STORAGE



RES development integrated with customer portfolio

• Long-term PPAs for effective energy management on third-party renewable plants

- Boost of Energy Communities
- Offshore wind co-development

Hydroelectric: focus on concessions renewal

3,600 **RES** capacity 850** MW 1.360 765 10 145 620 620 620 2022 2026 2030 ■ Hydro ■ Solar ■ Wind

Storage: development consistent with RES growth scenario *Includes Energy Communities "seller model": 60 MW at 2026 and 200MW at 2030; ** Includes 400MW of offshore wind in co-development

ACTION PLAN

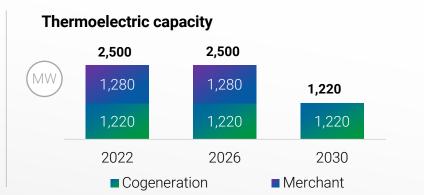


Completion of plant flexibilization including air cooling

Decommissioning of thermoelectric merchant asset (after 2026)

Increase short-term generation to **support** system security







Volume development in the medium to long term

Drive towards decarbonisation/circularity of the system

Energy optimisation in grid operation

Adoption/pilot innovative technologies

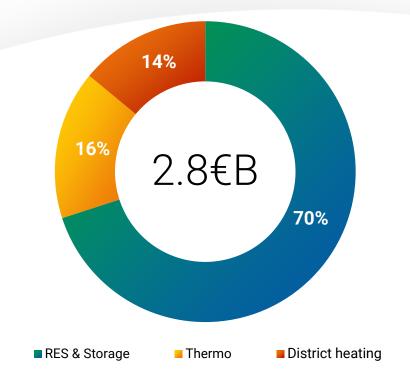


District heating volumes

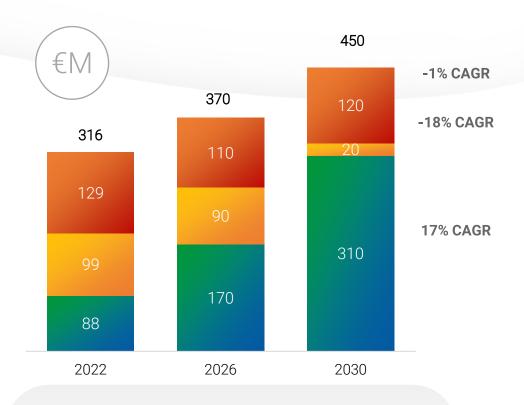


ENERGY: DEVELOPMENT LED BY NEW RES CAPACITY -





EBITDA GROWTH: 5% CAGR



- New RES capacity development
- Divestment of thermoelectric asset (merchant base)
- Extention of district heating network

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STRATEGY

ACTION PLAN

FINANCIALS

H1 2023



MARKET: FOCUS ON ELECTRIFICATION OF CONSUMPTIONS AND RETAIL CLIENTS

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Customer base growth and customer value increase through:

- Electrification of consumptions
- Further boost of Iren Plus Cross-selling services (penetration rate from 32% in 2022 to 39% in 2030)

Development of energy communities (+250,000 customers)

Acceleration of **rebalancing of acquisition channel mix** in favour of web self and store channels

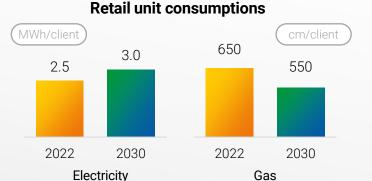
Improvement of **customer satisfaction** also through internalisation of services

Medium- to long-term PPA development with end customers (both B2B and B2C) to stabilise margins





Customer base



STDATEGY

ACTION PLAN

FINANCIALS

H1 2023

111 2020

ANNEXES



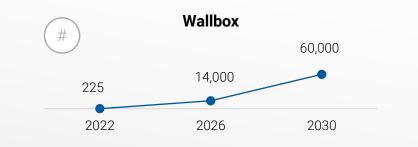
CLIENTS &

SERVICES

Development of **leadership position** in **private charging** infrastructure on our customer base

Installation of **semi-public charging stations** on territories where Iren manages the electricity grid (enabling synergies)

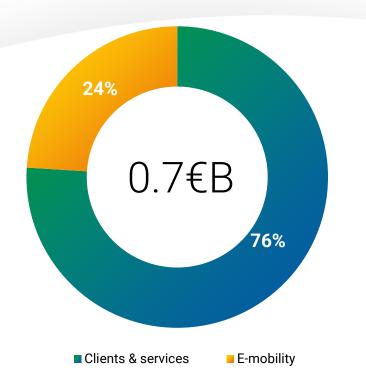
Development of charging infrastructure for **local public transport** by leveraging public funds



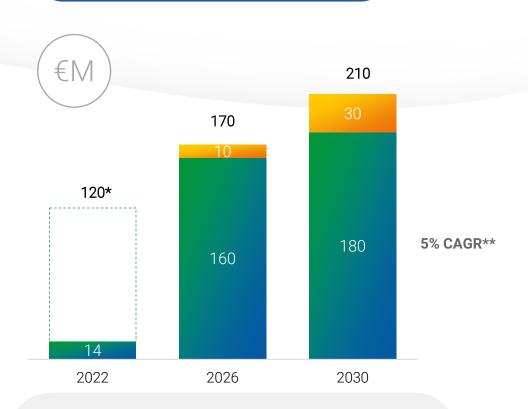


MARKET: PROFITABILITY RECOVERY AND NEW SUSTAINABILITY-LINKED BUSINESS LINES

CAPEX: ~0.7€B



EBITDA GROWTH



- Full recovery of customer portfolio value
- Contribution of E-mobility
 - Growth in product and service margins thanks to energy communities with seller model

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STRATEGY

ACTION PLAN

FINANCIALS

H1 2023



^{*} Standard profitability

^{**} Based on standard profitability

SMART SOLUTIONS: LOCAL PREFERRED PARTNER TO EXECUTE GREEN TRANSITION

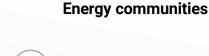
INVESTOR DAY 2023

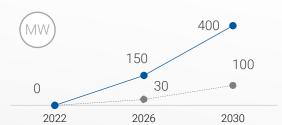
ENERGY COMMUNITIES



Development of energy communities on the "producer" or "seller" model according to customer needs

Development of **integrated services portfolio** complementary to energy communities for **long-term value generation**





STRATEGY

ACTION PLAN

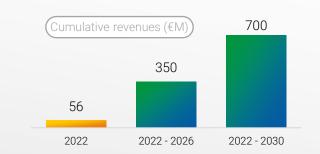
FINANCIALS

PUBLIC ADMINISTRATION



- Enhancement of **districts** starting with redevelopment of **key services** (e.g. schools, hospitals, public buildings)
- Integrated management of complex projects of relevance to territories by leveraging PPP tools (e.g. specific local public transport services)
- "Smart" services (security, LTZ access, parking, ...)

PA renovation projects



H1 2023



INVESTOR DAY 2023

STRATEGY

ACTION PLAN

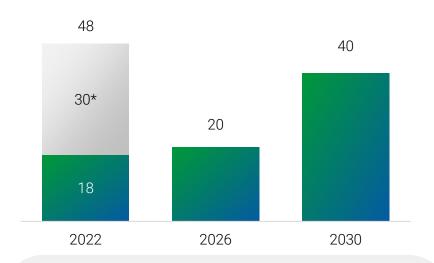
FINANCIALS

H1 2023

ANNEXES

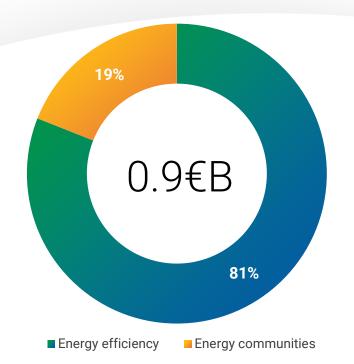
EBITDA GROWTH: 10% CAGR





- Contribution of energy communities «producer model»
- Public/private partnership for the energy efficiency of public buildings

CAPEX: 0.9€B



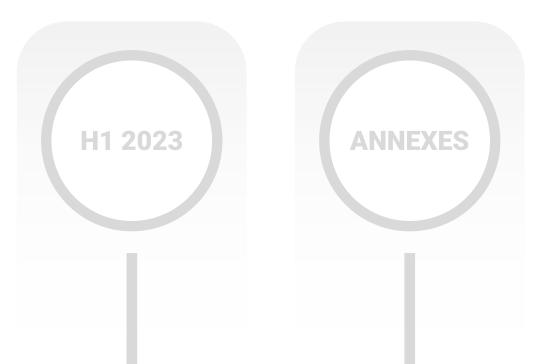
* EBITDA related to Super bonus 110%



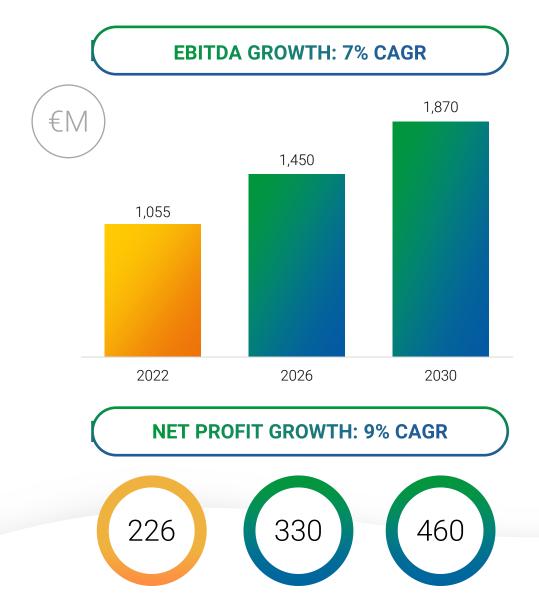
BUSINESS PLAN

STRATEGY ACTION PLAN FINANCIALS

RESULTS



INVESTOR DAY 2023



2022 – 2030 GROWTH PILLARS:

Organic growth:

+580M€

Inorganic growth:

+170M€

Asset rotation:

-60M€

Efficiencies and synergies:

+100M€

Scenario and regulation:

+30M€

Resilient business profile maintained:

~70% of EBITDA from regulated and semiregulated activities

STRATEGY

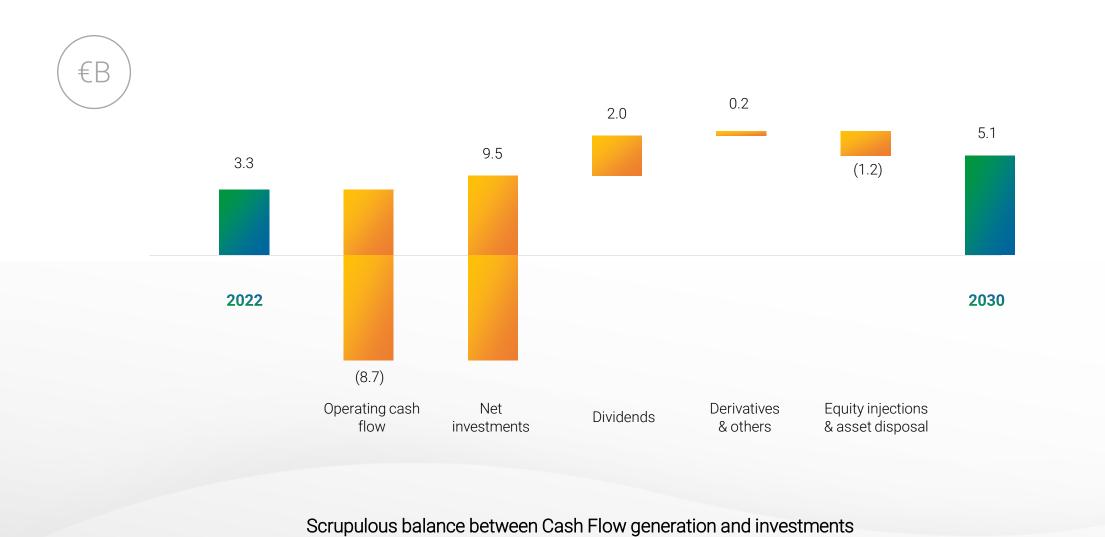
ACTION PLAN

FINANCIALS

H1 2023



CAPITAL ALLOCATION 2022-2030 -



INVESTOR DAY 2023

STRATEGY

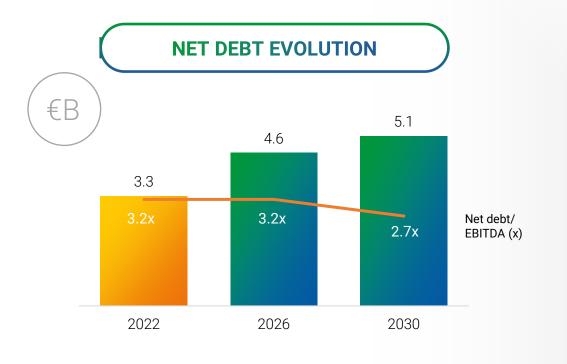
ACTION PLAN

FINANCIALS

H1 2023



A SOUND AND LOW-RISK FINANCIAL PROFILE -



Strong financial ratings





SUSTAINABLE FINANCE







INVESTOR

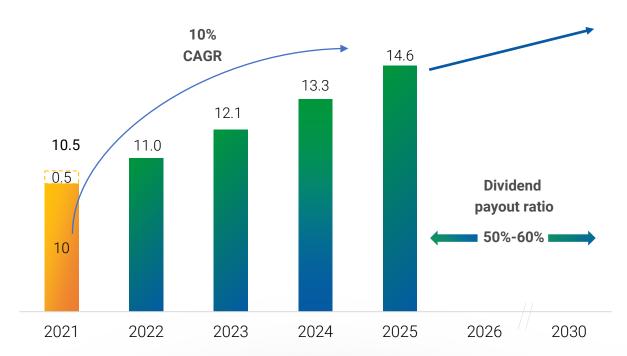
LOWER RISK PROFILE VS. OLD PLAN -

DAY 2023 NETWORKS ENERGY MARKET WASTE • Iren strategy fits perfectly with EU mainstream and sector macro-trend • Several strategic projects funded through Repower EU resources **FINANCIALS** • Regulated assets as protection against inflation and rising interest rates • Lower Execution Risks: reduced external growth • Higher share of new plants authorized or in the authorisation process • Lower exposure to volatile Energy Prices scenario exposure (PPAs, natural hedging)

DIVIDEND POLICY

DIVIDEND POLICY

Dividend per share, c€



BP MAIN TAKEAWAYS



INVESTOR DAY 2023

STRATEGY

Dividend policy confirmed

Strengthened investment plan

Increased visibility on plan execution: most of the projects planned for 2026 already authorised or in execution

Overall **reduced execution risk of the Plan** with reinforced mitigating levers in place

Basket of additional development opportunities to support the national economic system (currently not included in the plan)

ACTION PLAI

FINANCIALS

H1 2023

ANNEXES



Dividend increase compared to 2021 Business Plan





RESULTS BUSINESS PLAN ACTION STRATEGY H1 2023 FINANCIALS **ANNEXES PLAN**

EBITDA GROWTH SUPPORTED BY MARKET PROFITABILITY RECOVERY

H1 '22 H1 '23 Δ% Δ -497 -13.4% Revenues 3,712 3,214 **EBITDA** 606 7.8% 563 44 **EBIT** 282 248 -33 -11.8% EBIT Adj.** 282 282 0.2% 143 Group net profit 137 4.2% 6 5.3% Technical capex*** 338 356 18 Net Financial Position 3,347* 3,920 573 17.1%

Market BU profitability recovery

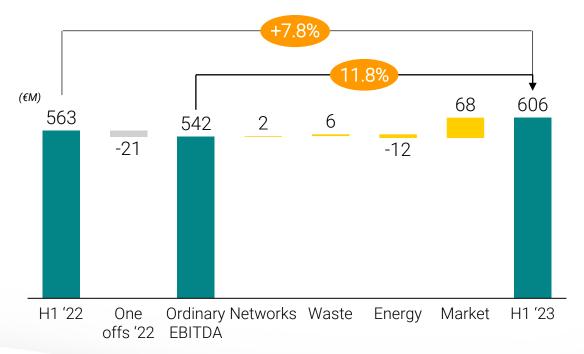
collection operations in Tuscany

Higher hydroelectric prices and volumes

Full contribution from effective integration of

Positives

EBITDA EVOLUTION



INVESTOR **DAY 2023**

H₁ 2023



Challenges

- Lower Heat volumes and margins normalization
- Strong MSD reduction
- Inflation impact on regulated businesses' cost structure

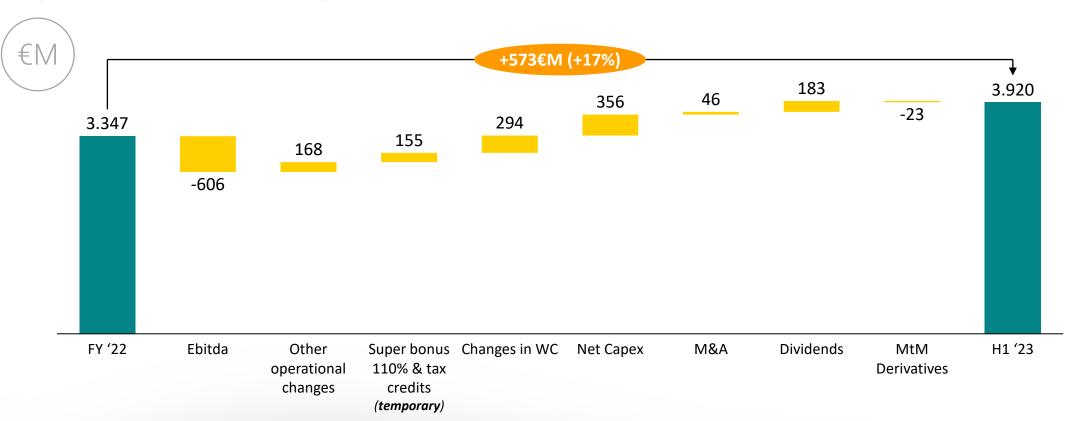


^{*} FY 2022 Data

^{**} Adjusted for provisions related to Italian Government's clawback decree on renewable prices (34€M)

^{***} Total investments, including M&A and other, at 563€M (-24% vs H1 2022)

NET FINANCIAL POSITION EVOLUTION (H1 2023 VS FY2022)



NWC expected to reabsorb by year-end (mainly in Q4) ~100€M of temporary factors affecting the semester, through:

- Gradual normalization of gas payment terms with energy suppliers (100% of contracts for new winter season secured)
- Acceleration of cash-in of Superbonus 110% tax credits; agreements with several financial institutions already in place
 Sale of minority stake in gas distribution networks: binding offers expected by the end of July with closing targeted by year-end

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STRATEGY

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FINANCIALS

H1 2023



INVESTOR

GUIDANCE 2023 INCREASED





- Effective management of our hedging strategy combined with a favorable energy scenario
- Higher Hydro production
- Full availability of thermoelectric plant

 Continuous robust investments' growth Proven financial discipline underpinning strong commitment to maintain leverage targets

FINANCIALS

H1 2023

ANNEXES

- Challenges

MSD reduction



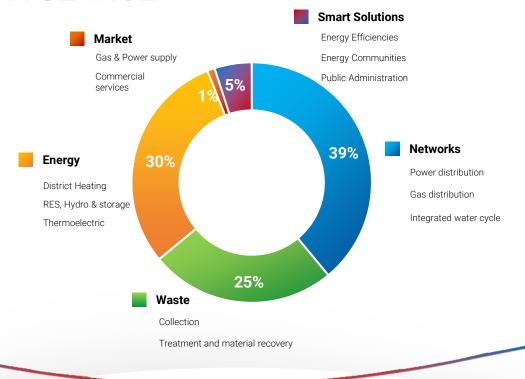


RESULTS

BUSINESS PLAN

STRATEGY ACTION PLAN FINANCIALS H1 2023 ANNEXES

IREN AT A GLANCE



INVESTOR DAY 2023

EBITDA FY 2022: 1.05B€

EBITDA made by:

- ~80% regulated and semi-regulated activities
- ~20% unregulated activities (mainly energy generation and supply)

ACTION PLAN

FINANCIALS

H1 2023

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ANNEXES

National player in the energy sector with 2.2M customers

National player in waste with 3.7 Mton

National player with 3.8 million inhabitants

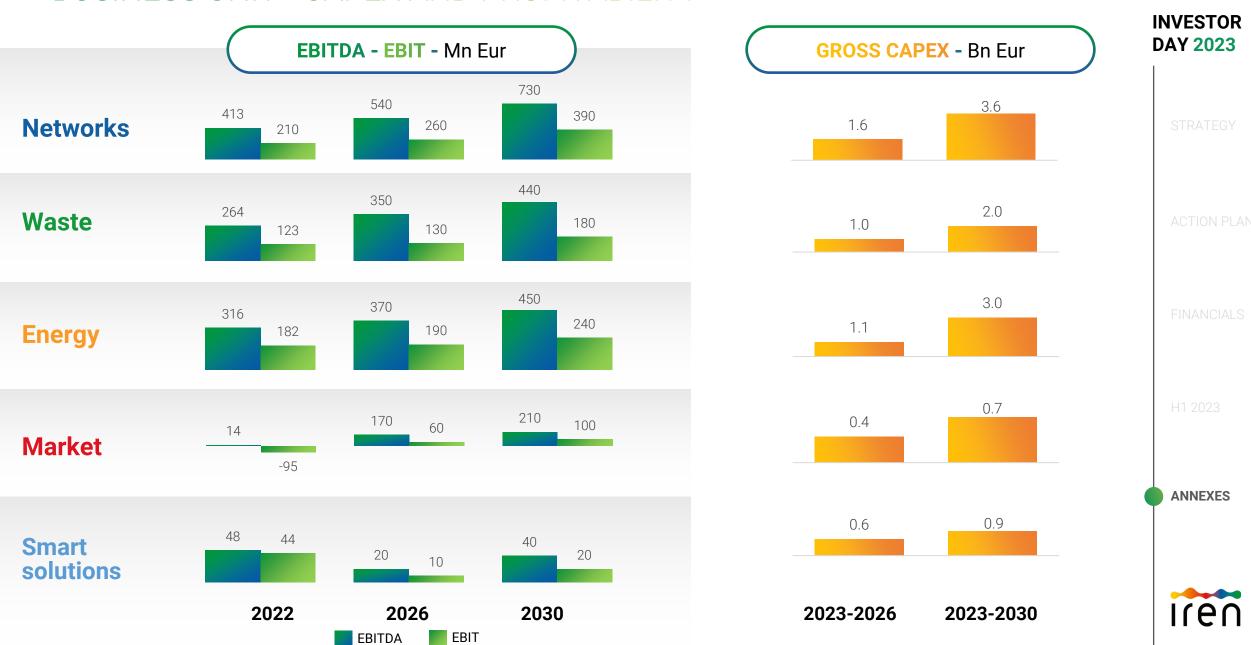
served in the waste collection

managed



- National player in DH volumes with 101 mcm
- National player in the water management with 2.9 million inhabitant served
- National player in electricity generation with a capacity of 3 GW of which 0.8GW renewables

BUSINESS UNIT - CAPEX AND PROFITABILITY



REGULATORY FRAMEWORK -

	GAS DISTRIBUTION	ELECTRICITY DISTRIBUTION	WATER SERVICE	Integrated waste collection service & regulated plants ¹
Regulatory period	6 years (2020 – 2025)	8 years (2016 – 2023)	4 years (2020 – 2023)	4 years (2022 – 2025)
WACC methodology update	6 years (2022 - 2027)	6 years (2022 – 2027)	4 years (2020 – 2023)	6 years (2022 – 2027)
WACC update	Every 3 years for general parameters (2022)*, specific parameters** in 2023 (confirmed)	Every 3 years for general parameters (2022)*, specific parameters in 2024	Every 2 years (2022)	Every 3 years for general and specific parameters** (2022)
Actual rates (pre tax)	Until 2023		2024 - 2030	
Gas distribution and metering	5.6%		5.6%	
Electricity distribution and metering	5.2%		5.2%	
Integrated waste collection – regulated plants	5.6% - 6.0%		5.6% - 6.0%	

4.8%

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H1 2023

ANNEXES



4.8%

Already defined values

Water integrated service

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BUSINESS PLAN SCENARIO

	2022	2026	2030
PUN (€/MWh)	303.1	108.5	80.2
PSV (€cent/smc)	121.9	39.0	23.7
ETS (€/Ton)	80.9	82.3	91.1
Clean spark spread - PSV (€/MWh)	22.5	5.2	2.7
Hydro Green Certificates (€/MWh)	42.9	45.8	76.7
Energy Efficiency Certificates (€/TEE)	256.8	250	250

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H1 2023



NETWORKS CONCESSIONS

GAS NETWORKS

WATER NETWORKS

ELECTRICITY NETWORKS

ATEM	EXPIRY
Genova 1	Expired
Parma	Expired
Reggio Emilia	Expired
Vercelli	Expired
Piacenza 2 - Est	Expired

AREA	EXPIRY	
Piacenza	Tender ongoing	
Reggio Emilia	2040	
Genova	2032	
Parma*	2027	
Vercelli 1	2023	
La Spezia	2033	

AREA	EXPIRY	
Torino	2030	
Parma	2030	
Vercelli 1	2030	

INVESTOR DAY 2023

STRATEGY

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FINANCIALS

H1 2023



HYDROELECTRIC AND WASTE CONCESSIONS -

HYDROELECTRIC CONCESSIONS

MAIN WASTE CONCESSIONS

INVESTOR
DAY 2023

STRATEGY

ACTION PLAN

FINANCIALS

H1 2023



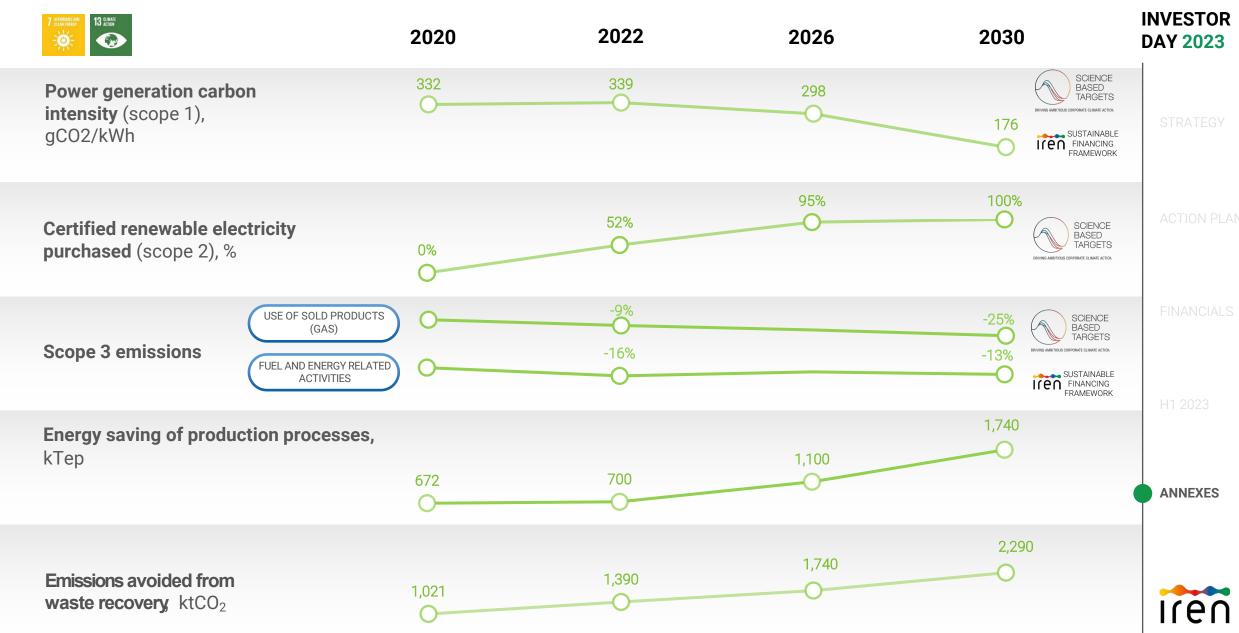
AREA	Hydroelectric plant	Electric power (MW)	Expiry
Piemonte 1	Pont Ventoux-Susa	157	2034
Piemonte 2	Valle Orco e S. Mauro	300	Expired (2010) issued PPP proposal
Piemonte 3	S. Lorenzo, Moncalieri, La Loggia, Valle Dora	25	-
Campania	Nucleo Tusciano	108	2029
Liguria	Brugneto, Canate	10	Expired (2014) water management concession expire in 2032

AREA	EXPIRY
Parma	2037
Piacenza	2037
Reggio Emilia	Expired
Torino	2033
Vercelli 1	2028
Vercelli 2	2030
La Spezia	2028
Toscana sud	2033

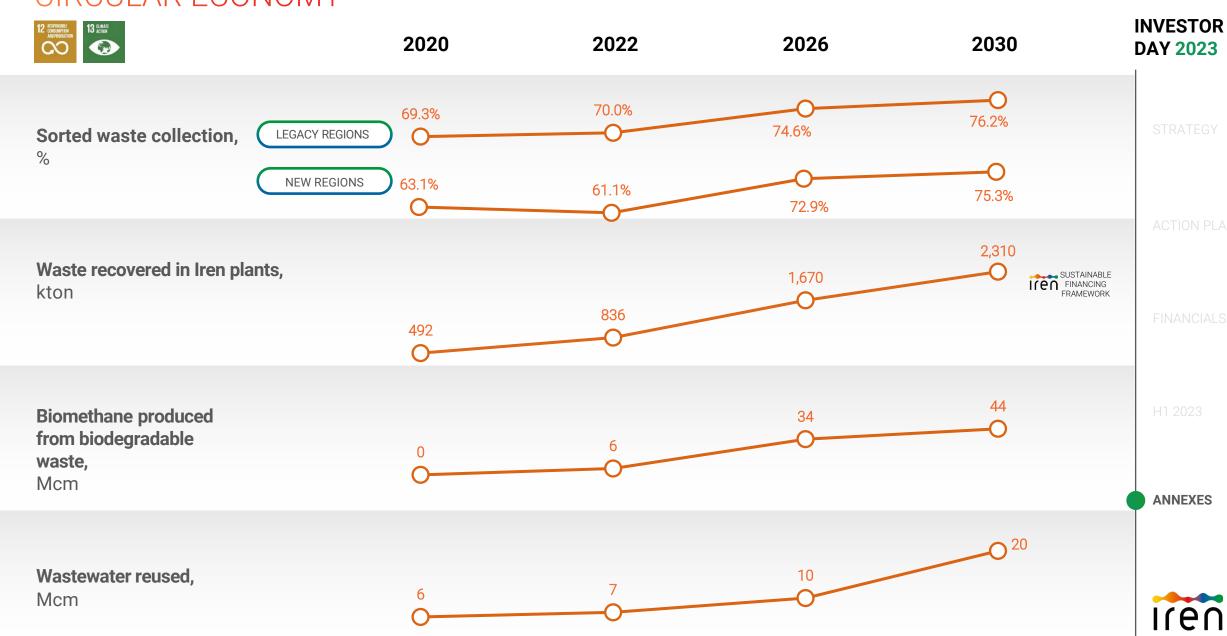
SUSTAINABLE FINANCING FRAMEWORK —



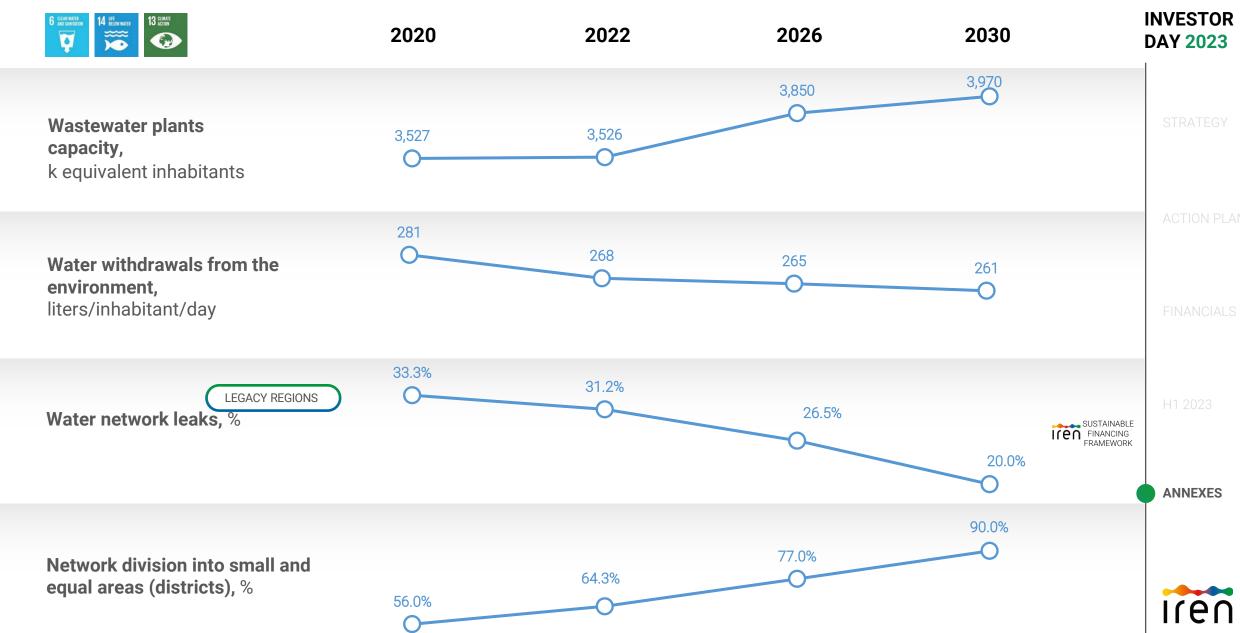
DECARBONIZATION



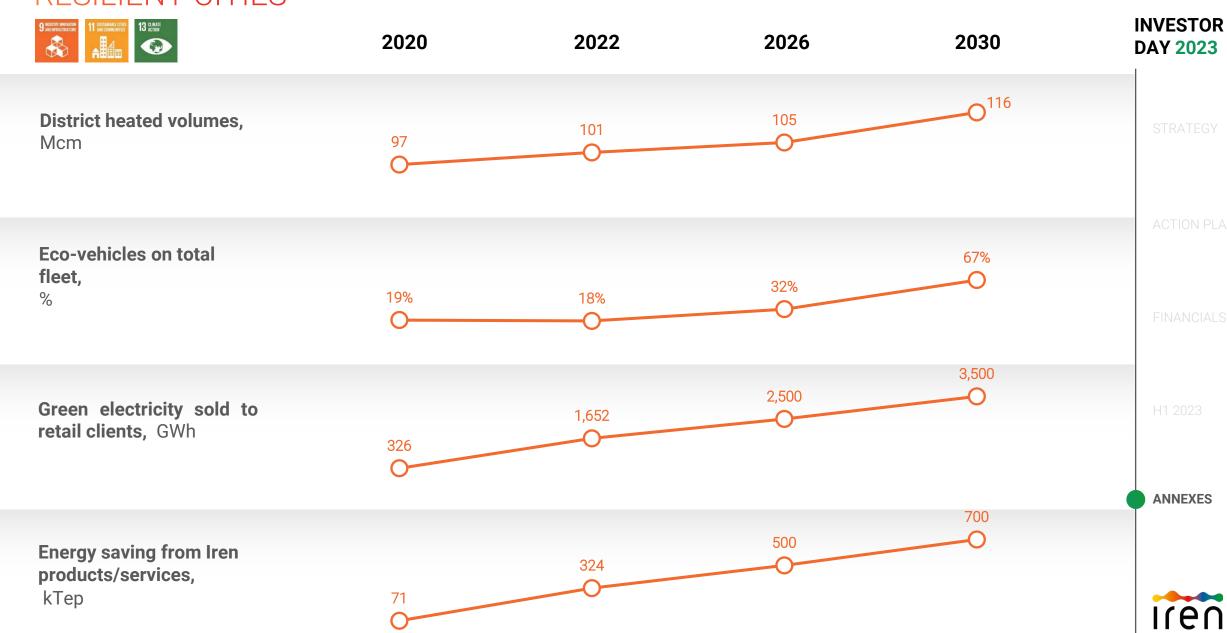
CIRCULAR ECONOMY



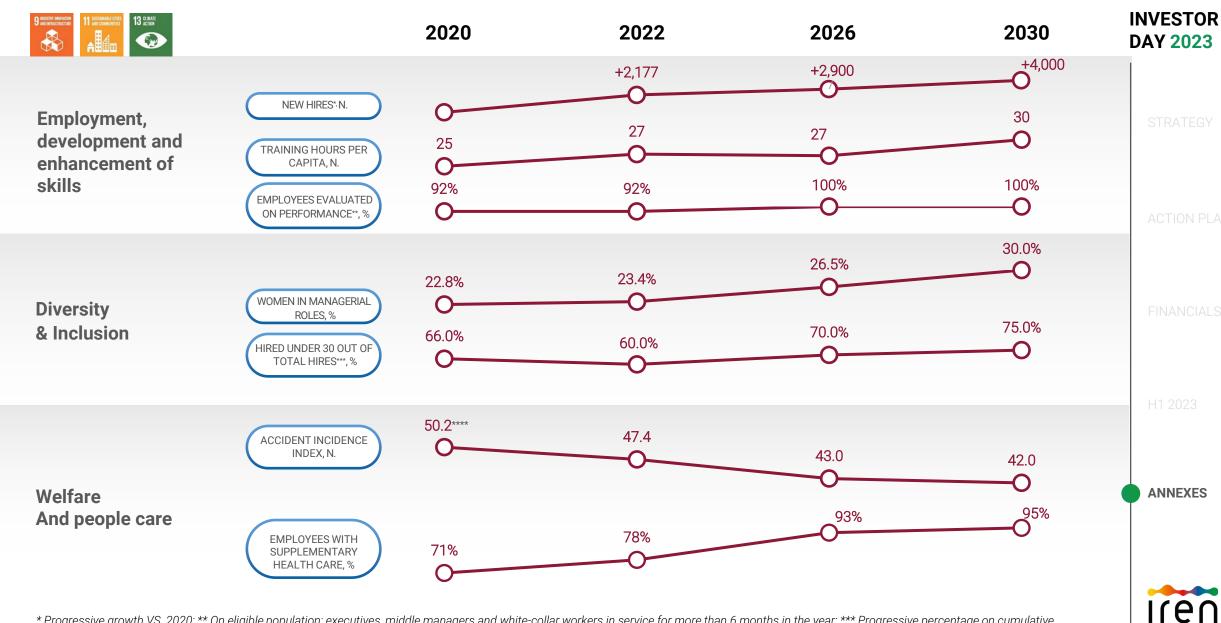
WATER SOURCES



RESILIENT CITIES



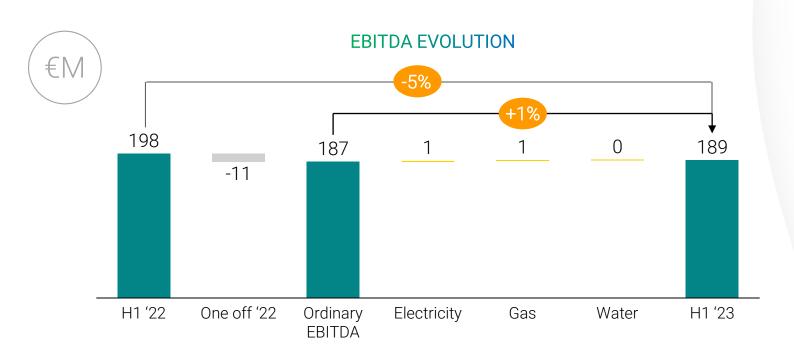
PEOPLE

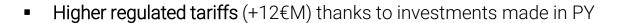


^{*} Progressive growth VS. 2020; ** On eligible population: executives, middle managers and white-collar workers in service for more than 6 months in the year; *** Progressive percentage on cumulative hires from 2020 on permanent contracts and independent of contracting and internalisation; **** 2020 figure is 40.4 influenced by Covid19 emergency, so 2019 was used as a basis.

NETWORKS

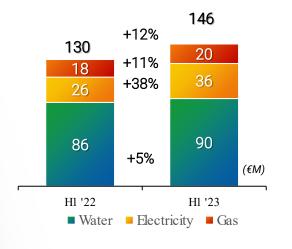
Tariffs increase offset by severe inflation impact on operational costs

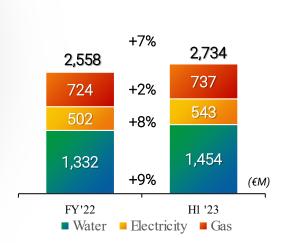




- Persistent severe inflation scenario affecting operational costs (~-10€M)
- Strong investment path in Electricity (+38%) in line with BP targets
- Further consolidations in Water in Liguria and Sicily







RAB

INVESTOR DAY 2023

STRATEGY

ACTION PLAN

FINANCIALS

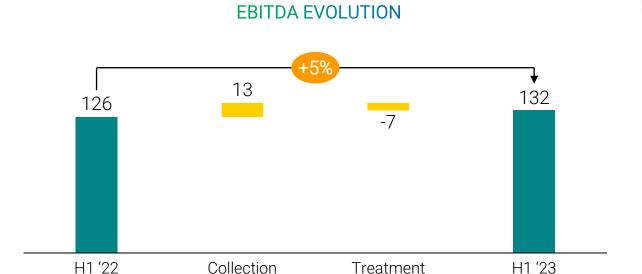
H1 2023



WASTE

Proven integration capabilities underpinning Collection growth path -





Strong Collection business performance mainly driven by effective integration of operations in Tuscany (SEI Toscana, fully consolidated since July '22)

Treatment

& Disposal

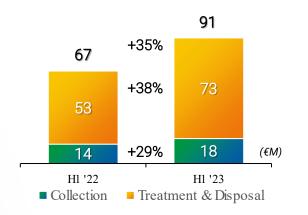
H1 '23

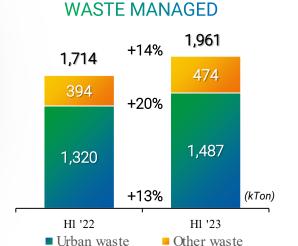
Lower recyclable waste prices and brokerage margins

Collection

- Positive contribution from the phase-in of new organic treatment plants more than offset by negative energy scenario
- +35% of investments to support the phase-in of new facilities (e.g., latest wood treatment plant in Vercelli)





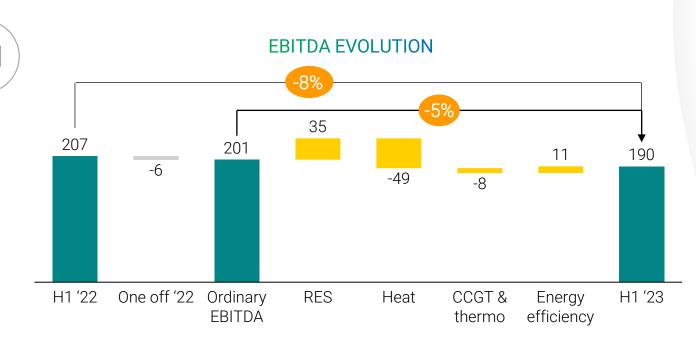


INVESTOR DAY 2023

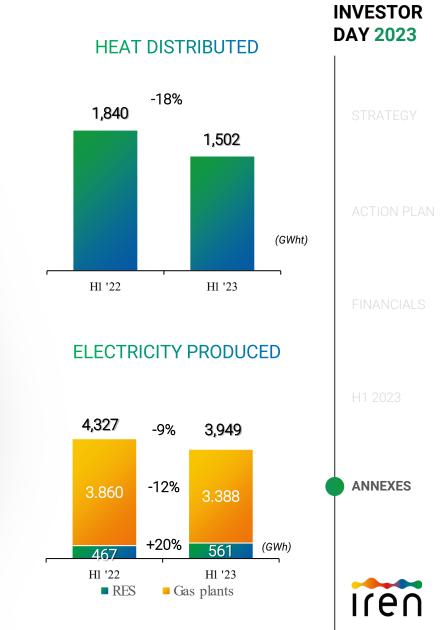


ENERGY

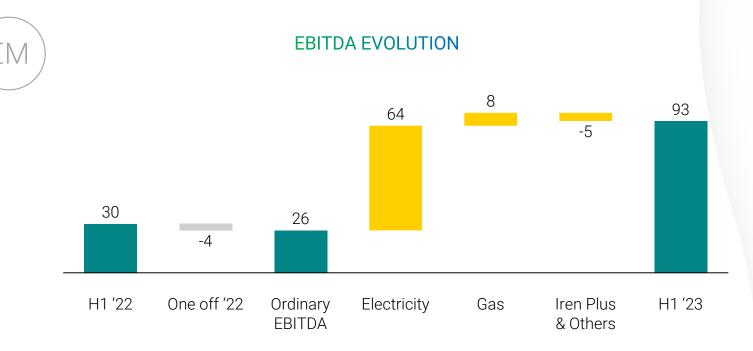
Adverse energy scenario & demand compensated by Hydro performance



- RES benefited from higher Hydro volumes (+28% yoy) in combination with higher prices as a result of an effective hedging activity
- Clients' energy saving actions and mild winter temperatures led to a severe reduction in Heat along with a normalization of related margins vs. 2022 exceptional levels
- CCGT & Thermo performance impacted by the national reduction in MSD demand partially offset by a positive clean spark spread; full availability of Turbigo in the 2nd part of the semester
- Continuous robust contribution from Energy Efficiency activities



MARKET Continuous recovery of customers' portfolio value-



- Electricity profitability recovery, also by leveraging declining energy scenario on selected unhedged positions on supply side held to optimize margins (~+25€M)
- Decrease in electricity volumes sold linked to strategic decision to increasingly focus on retail rather than business customers to reduce volatility
- Positive gas performance despite volumes contraction due to mild winter temperatures and severe demand reduction (as already experienced in Q1 2023)

