



Italcementi Group at a glance



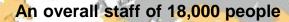






The world's fifth largest cement producer

A worldwide presence in 22 countries



A consolidated production capacity of approximately 61 million tons

2014 annual sales exceeding 4.1 billion Euro

The first cement company to be listed on the Italian Stock Exchange since 1925

Over 150 years-old successful business strategy implemented by a family-driven company ay his fifth generation

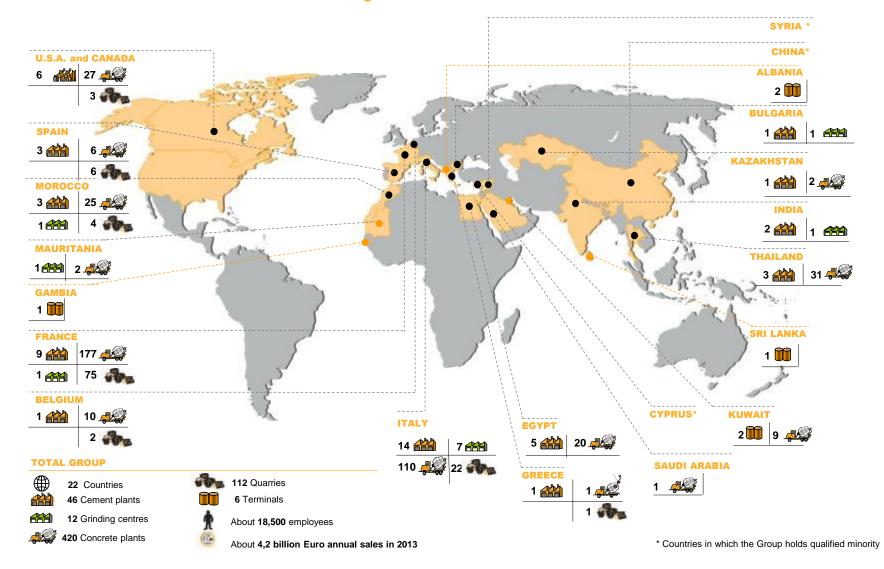








Italcementi Group industrial network



Sustainability at the foundation of Group's strategic development



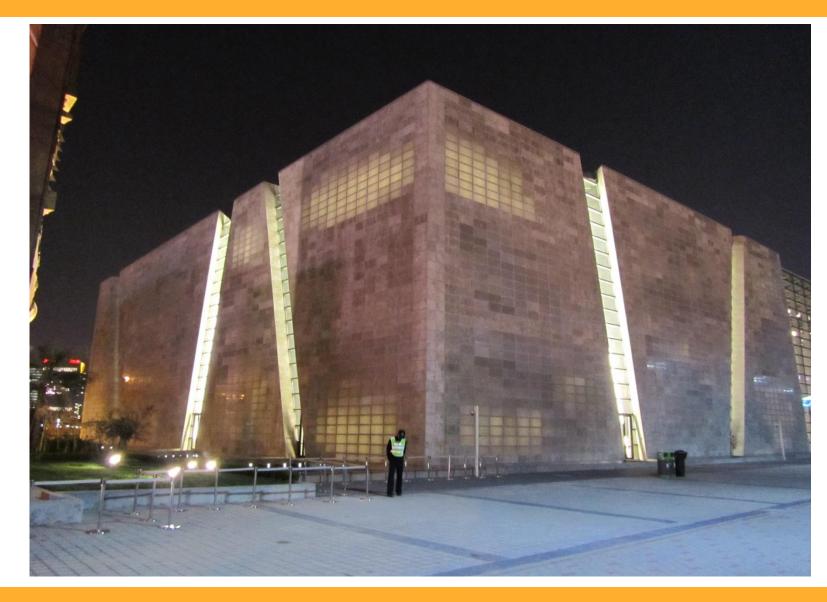
i.lab

the heart of Group sustainable innovation



i.light





i.active TECNO



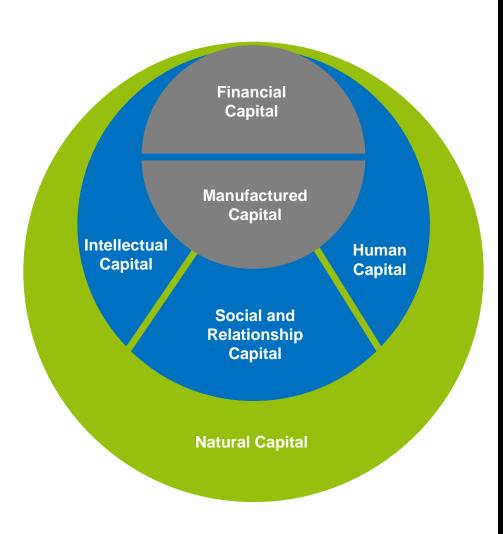


i.active BIODYNAMIC





The Capitals affecting enterprise value



Natural Capital are natural assets, as providers of resource inputs and environmental services for economic production and social well being

Social and Relationship Capital addresses stakeholders, community, supply chain, customers, market, authorities, with the aim to retain social license to operate.

Human Capital consists of the individual's capabilities and the knowledge, skills and experience of the company's employees and managers.

Intellectual Capital is the product of R&D and the value created by combining material, financial and human resources.

Manufactured Capital are equipment and tools, human-created and production-oriented.

Financial Capital is understood as the pool of funds available to an organization.

The value chain

materials

production

use

end-of-life

- □ Value chain management require a multidimensional approach spanning over the entire life cycle, from material sourcing to the end-of-life options.
- This includes the concept of product stewardship, i.e. understanding, controlling, and communicating products performance (technical, environmental, health & safety, ...) throughout their life cycle.
- Value chain management raises the challenge to reconcile short term imperatives (financials, ratings...) with the very long term product life cycle. A balanced approach is needed, to combine short term view with value chain improvement actions, which are expected to payback on the longer term.
- On the other hand, a balanced approach ensure better industrial efficiency and definitively contributes to build brand and reputation

Cementitious materials: the value chain

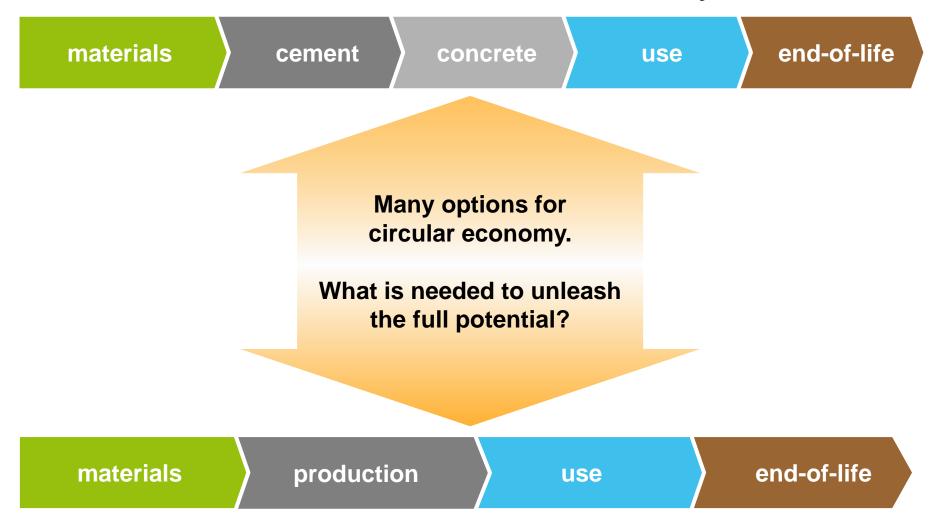
materials end-of-life cement concrete use Very short distance Variable timeframe materials: need for long term resources availability cement/concrete: short-term transformation very long term durability use: Additionally, the various steps of the life cycle have also different recycling potential and timeframe: mostly process optimisation up to cement: great opportunities for recycling and eco-design concrete: durability and performance make the difference use:

Italcementi Group 11

economically viable recovery options are needed

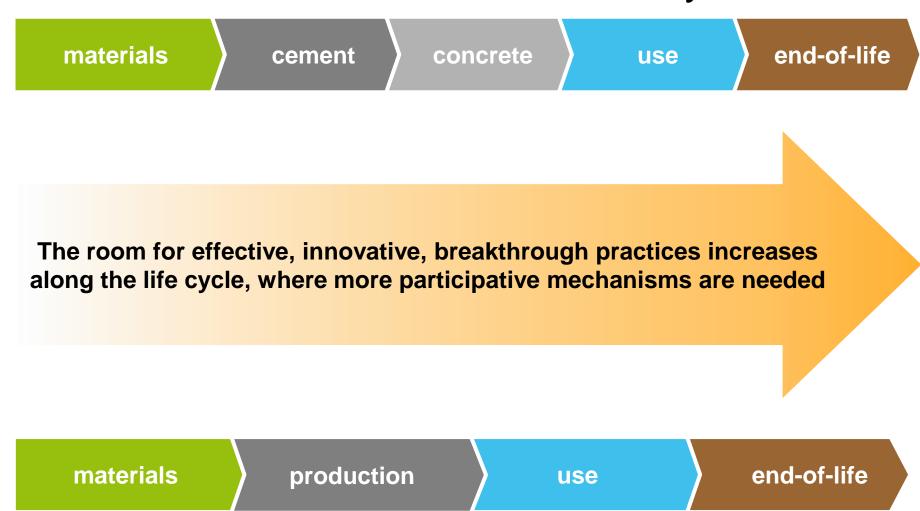
end-of-life:

Cementitious materials: virtuous cycles



Other processes or post-consumer

Construction materials: virtuous cycles



Other processes or post-consumer

Materials phase

materials

cement

concrete

use

end-of-life

The currently available or already (partially) implemented practices decrease along the life-cycle, while is seems that the breakthrough practices needed to unleash the full potential of value chain management point at some outstanding issues:

Current sustainable practices

Sustainable quarrying
Rehabilitation and biodiversity plans
Responsible sourcing
Sustainable procurement practices
Local sourcing
Short logistics
Alternative materials
End-of-life

Breakthrough practices

Fiscal/regulatory support Market incentives Value chain partnerships

Production phase: cement

materials

cement

concrete

use

end-of-life

The currently available or already (partially) implemented practices decrease along the life-cycle, while is seems that the breakthrough practices needed to unleash the full potential of value chain management point at some outstanding issues:

Current sustainable practices

Energy efficiency
Alternative fuels and biomass
Material efficiency
Alternative materials
Recycled materials
Clinker/cement ratio
Valorization of clinker/bypass dusts
Products design
Product stewardship

Breakthrough practices

Fiscal/regulatory support Market incentives Value chain partnerships

Production phase: concrete

materials cement concrete use end-of-life

The currently available or already (partially) implemented practices decrease along the life-cycle, while is seems that the breakthrough practices needed to unleash the full potential of value chain management point at some outstanding issues:

Current sustainable practices

Recycled content (slag, fly ash, ...)
CWD (Construction & Demolition Waste)
Additives
Reduced dosing of cement
Products design
Product stewardship

Breakthrough practices

Fiscal/regulatory support Market incentives Value chain partnerships

Use phase

materials cement concrete end-of-life

The currently available or already (partially) implemented practices decrease along the life-cycle, while is seems that the breakthrough practices needed to unleash the full potential of value chain management point at some outstanding issues:

Current sustainable practices

Durability
Performance (energy, material, comfort)
Product design
Sustainable building solutions
Supportive architecture

Breakthrough practices

Fiscal/regulatory support
Market Incentives
Value chain partnerships
Integrated products/solutions design
Promotion of sustainable lifestyles

End-of-life phase

materials

cement

concrete

use

end-of-life

The currently available or already (partially) implemented practices decrease along the life-cycle, while is seems that the breakthrough practices needed to unleash the full potential of value chain management point at some outstanding issues:

Current sustainable practices

Selection processes
Product design
Policy incentives

Breakthrough practices

Fiscal/regulatory support
Market Incentives
Value chain partnerships
Integrated products/solutions design
Promotion of sustainable lifestyles

Conclusions

The following elements come out as the most relevant

- □ Fiscal/regulatory support, to cut un-sustainable practices and "monetize" the efforts towards sustainability
- Market incentives, to foster higher awareness of downstream users and creating rewarding schemes for sustainable products
- Value chain partnerships, to explore business solutions beyond the proprietary boundaries, by creating cross-cutting interaction based on shared principles
- □ Integrated products/solutions design, to ensure a long term oriented stewardship, mastering in a comprehensive way the products features and life-cycle
- Promotion of sustainable lifestyles, to market responsible patterns of consumption in customers and end-users