BESIX Strategy

Meeting tomorrow's challenges

Purpose

Excel in creating sustainable solutions for a better world.

Mission

Thrive as a sustainable and highly integrated full-service provider, with construction at its heart, by offering its clients, in the various markets it operates, value-adding and pioneering solutions and by excelling in delivery, thanks to all group capabilities and trusted partnerships.

Strategic framework

BESIX is a people-first organisation that values unity, improved governance, and a lean organisational structure. As a contractor at heart, BESIX has successfully diversified in the past into exciting new ventures such as Real Estate, Concessions, Operations & Maintenance - and continues to do so. With a focus on sustainability and innovation, the group is always on the lookout for new diversifications that align with its core competencies.

Strengths

Committed staff members

At BESIX, employees are more than just a team - they are a community of passionate professionals united by a strong culture of excellence. With a deep sense of commitment, responsibility, and an insatiable appetite for challenge, BESIX employees deliver exceptional results for their customers, both as a team and as individuals. What sets BESIX teams apart is their unwavering entrepreneurial vibe, which drives everything they do. From start to finish, they put their heart and soul into every project, ensuring that clients receive the

In-house engineering

The BESIX in-house design office is what sets the group apart from the competition. The in-house office leverages its technical expertise, vast experience, and innovative solutions to support clients in developing and executing their most complex infrastructure and sustainable projects. The in-house design office is committed to offering global solutions with exceptional added value from the initial tendering phase, to planning phase, to project completion. Its experts work tirelessly to deliver results that exceed expectations, deliver true value to clients, and build a sustainable future.

One-stop shop over the value chain

BESIX is a full-fledged services company that operates on the whole value chain. While construction is still its core business, the group's Concessions & Assets, Real Estate Development, and Specialised activities have grown steadily. BESIX can rely on a vast and diversified expertise to take on projects from financing to design and construction to long-term maintenance. Through leveraging this diversified expertise, business lines are able to offer bespoke one-stop shop solutions that are tailored to meet the unique needs of their clients, while also remaining their primary point of contact throughout the

A targeted and sustainable international presence

BESIX Group has opted for a deliberate and sustainable strategy with a focus on establishing a strong international presence on five continents, in addition to its already extensive coverage in Belgium. By pursuing opportunities that align with its risk management requirements, the company is able to diversify its operations while maintaining a long-term perspective in these various geographical areas.

Corporate values

Values are essential to guide the behaviours and decisions of employees within BESIX Group. Here are the corporate values that the group promotes and prioritises.



Unity

This value underscores the significance of cultivating a sense of unity and cooperation among all employees. It urges colleagues to collaborate towards a common objective, supporting each other in reaching that goal. By fostering an inclusive culture and mutual respect, employees are encouraged to embrace unity and work together for shared success.



Passion

This value ignites a drive for employees to dare and accomplish great, sometimes unprecedented, feats. It nurtures an environment of enthusiasm and commitment, motivating staff members to take pride in their work and pursue excellence in all endeavours. Additionally, it cultivates inspiration and motivation, propelling innovation and progress within the group.



Respect

With over 86 nationalities and a diverse workforce, BESIX Group values and respects the contributions of each individual. This core value emphasises the importance of acting with integrity and professionalism consistently, showcasing a strong commitment to ethical conduct and responsible business practices.



Co-creation

BESIX Group boasts colleagues with exceptional expertise in their respective fields. By sharing and combining this knowledge, remarkable solutions are devised for clients' projects, as evidenced by BESIX's global accomplishments. This value encourages a culture of collaboration, illustrating that, in terms of expertise, one plus one amounts to much more than two!



BESIX's success stems from its teams' expertise and their unwavering pursuit of quality, performance, and client satisfaction. Cultivating and transferring this level of excellence is the essence of interpersonal connections within the group. It serves as the foundation for intergenerational unity and a prerequisite for nurturing and developing talent.

Behaviours

BESIX Group has identified six behaviours that are intrinsically linked to its corporate culture and therefore expected of each of its employees.



Be Inclusive

Inclusion is a core principle, intrinsically tied to the value of respect. It guarantees fairness, equal opportunities, and an open-minded approach towards all colleagues, regardless of their backgrounds, beliefs, or lifestyles.



Eagerness

BESIX's long-term success in its industry and beyond hinges on its eagerness to seek innovative ways of increasing efficiency and embracing new ventures and business opportunities.



Take Ownership

Employees are empowered to take action, encouraged to assume responsibility, and utilise their talents to their full potential. This is directly connected to the entrepreneurial spirit that underpins BESIX's century-long spirit.



In line with its entrepreneurial nature, the group's business units and entities maintain a high degree of autonomy and employees enjoy substantial empowerment. Trust is a fundamental aspect of BESIX's operations, acting as an extension of respect and achievable through well-defined expectations and objectives.



Engaged Teams

Every BESIX employee is part of a team, with clear shared and individual objectives, and has opportunities to grow according to their potential and personal motivations. Training, progression, and internal mobility are available to all and highly encouraged.



■ Resolve Together

United by a strong entrepreneurial spirit, BESIX's team members are known for their unwavering commitment to providing solutions, utilising the remarkable internal resources at their disposal. Both collectively and individually, they draw upon their successes and learn from setbacks, harnessing these experiences to achieve outstanding outcomes for their clients.



Value Creation Model

What began 114 years ago has grown into the largest construction company in Belgium and a global multidisciplinary player. Throughout the decades, BESIX has built roads that connect communities, dug ports to accommodate ships coming from all over the world, developed neighbourhoods where people live, learn, work, and relax.

To maintain its relevance for society, BESIX needs to rely on a clear and sensible purpose and a well-conceived business model that set it apart from its competitors. The aim is to

increase shareholder value while working toward a more sustainable future for employees, clients, and communities.

The world in which BESIX operates and the construction sector are undergoing profound changes. In response to these changes, BESIX draws on its business model to support its capacity to innovate, maintain a high level of project quality, face competition, meet new financial requirements and diversify, especially in recurring income businesses.

A dedicated partner, from construction to concessions

Always highly regarded as a valued construction partner, BESIX Group has become a fullstill its core business, the group's Concessions & Assets, Real Estate Development,

and Specialised activities have been growing steadily. BESIX Group can rely on a vast and fledged services company that operates on diversified expertise to take on projects from the whole value chain. While construction is financing to design and construction to longterm operations and maintenance.

Macro trends

The world in which BESIX operates and the construction sector are undergoing profound changes, influencing its business model.



Technological evolution

Digitalisation, artificial intelligence, parametric design, smart building, etc.



Environmental emergency

Energy efficiency, energy transition, circularity of materials, etc.



Competitive landscape

Risk sharing, stressed supply chain, skilled labour shortage, building material price hikes, etc.



Demographic growth and urban densification

Growing demand for affordable housing, modular construction, etc.

Stakeholders



Clients, partners, subcontractors, and suppliers



Investors, shareholders and financial institutions



Institutions and regulatory bodies



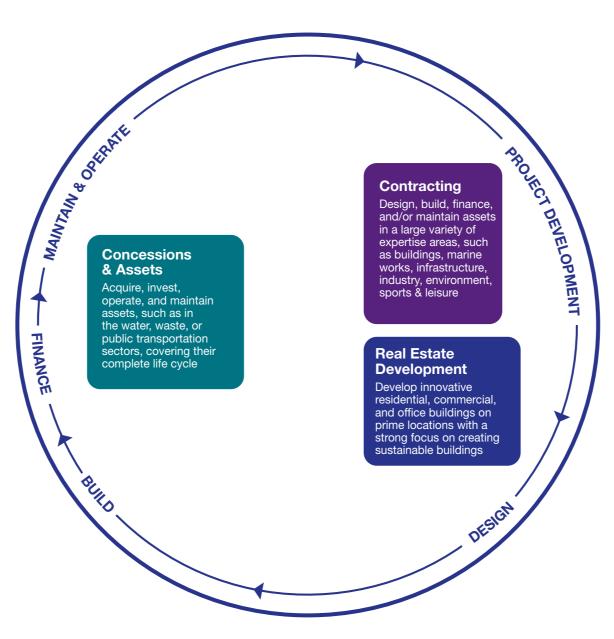
Social partners. unions, and employee representatives



Employees, future hires, academics, and students



Environmental and societal actors, NGOs, federations. and think tanks



Resources

Human and intellectual capital

- 12,063 employees
- BESIX Academy devoted to internal
- 100 % of staff members have access to training

Industrial capital

- More than 1,000 project sites in 25+ countries
- Several industrial sites (steel and rebar workshops, quarries, asphalt and readymix concrete plants, bitumen production
- 300 million euros worth of equipment and machinery to cater to complex marine and infrastructure works

Real estate capital

- Portfolio of 3.9 billion euros in market
- Totalling 1+ million m² under development

Procurement capital

- · Majority of suppliers signatories of the Code of Conduct for Responsible & Sustainable Procurement
- 2+ billion euros procured annually at Group level
- 40,000+ suppliers across the globe

Financial capital

• Stable shareholding structure based on a historical reference shareholder base

Social & environmental capital

- · Leading the way in certification and
- Level 5 on the CO, ladder for BESIX Europe and 11 affiliates or subsidiaries
- EcoVadis Gold Medal
- ISO 9001:2015. ISO 14001:2015. ISO 19650-2: 2018 and ISO 45001: 2018
- IOSH Managing Safety and Working Safely Licence
- International Framework Agreement on Fair Labour Standards

Value creation

Human and intellectual value

- 1,000 recruitments in 2022
- Top Employer in Belgium for 4th year in a row

Read more on pp. 40-59

Environmentally responsible projects

- BESIX's sustainability experts accompany the design, procurement, and execution of assets to achieve certification levels such as BREEAM, LEED. Passive Buildings, etc.
- . BESIX is building one of the largest hybrid-timber office buildings in the world in The Netherlands
- BESIX is progressively electrifying its fleet; in 2022 an electric crawler crane has worked unplugged for 10 hours on end without intermediate charging on an infrastructure project in The Netherlands

Read more on pp. 30-39

Financial contribution

- 3,338 million euros of revenues
- 40 million euros of net result
- 5,259 million euros in order book

Read more on pp. 148-154

Innovation

- 7 ongoing partnerships with start-ups in current PropTech portfolio
- Will secure participation in a European PropTech VC fund by summer 2023
- · Several academic partnerships with leading universities

Read more on pp. 22-25

BESIX Foundation

- 360 solidarity projects funded in 13 years
- 13,000+ volunteers involved over the last decade
- · Projects mainly funded in Belgium and
- · Projects funded around construction, education, and environment

Read more on pp. 56-59

BESIX's Frameworks

Supporting the Sustainable Development Goals (SDGs)

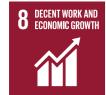
BESIX Group is committed to playing a role in sustainable development and is guided by the United Nations' Sustainable Development Goals (SDGs). The group has identified 10 SDGs on which it can have a direct positive impact and it is focused on SDG 8 (Decent Work and Economic Growth), SDG 12 (Responsible Consumption and Production), and SDG 13 (Climate Action), based on the group's belief that these goals align with its core activities and bring added value.

In 2023, BESIX Group will launch a comprehensive SDG Awareness Campaign aimed at engaging its employees and increasing their involvement in the sustainable agenda. The campaign will include workshops to assess and confirm the Group's current selection of SDGs. The initiative is not only a response to the increasing demand for sustainable solutions in the market, but a strategic move to prepare the company for a sustainable future.

The group is dedicated to investing in circularity and developing sustainable solutions that contribute to society and future generations. The SDG Awareness Campaign represents a proactive step towards a sustainable future and demonstrates the group's commitment to creating positive impact for generations to come.





































ESG Governance

The BESIX Group Executive and Strategic Committee focuses strategy annually, supported by the Group Sustainability & on the vision, mission, and strategic objectives of the group. The Committee supervises the business activities and performance as well as the risk management, internal control, and organisation, as implemented by the Chief Executive Officer and the senior management. The Committee includes identity compliance in its Group Rules to secure the overall BESIX Group reputation. The Sustainability and ESG actions and achievements belong to and influence the BESIX Group uniqueness and reputation.

The Executive and Strategic Committee reports directly to the Board of Directors on the Sustainability and ESG strategy. The Executive Committee reviews the Sustainability and ESG

ESG Officer.

The reporting, including the objectives and results, is approved by the Executive and Strategic Committee and the Board of Directors before an annual publication. This one completes the annual United Nations Communication on Progress (CoP) available on the UN Global Compact website. This CoP is approved by the Executive and Strategic Committee every

A specific network was put in place for CO₂ ambitions to federate the BESIX Group Sustainability and ESG activities and adds efficiently to the networks already existing in the group around various topics, like procurement and environment.

Launch of an ESG Board

In order to secure the Sustainability and ESG commitments embedded in all BESIX Group entities and their working methods and processes, an ESG Board is being launched in 2023. It is composed of representatives from key support

departments, from group's entities, activities, and processes across the different Business Units. This ESG Board is headed by the Group Sustainability and ESG Officer who is a member of the Executive & Strategy Committee.



The ESG Board, which meets three times a year, ensures compliance. It defines working groups that integrate the priorities and manages all the group's initiatives around the priorities defined. It also ensures their implementation in line with the Sustainability and ESG commitments. It coordinates and implements projects in this area, including the various Sustainability and ESG projects developed by the Group's entities. Each group entity informs the ESG Board about its

The Sustainability and ESG Board is supplemented by Ambassadors who will be the driving forces of the actions and values of BESIX Group throughout its operations.



Stakeholder Expectations

BESIX Group recognises its responsibility to its clients, employees, and the communities in which it operates. It is committed to engaging with these stakeholders and providing transparent and relevant information on topics of shared interest. The group sees its role in society as a catalyst for economic, social, and environmental progress, and strives to improve the quality of life for all people.

Focusing on shareholder expectations

BESIX Group is committed to demonstrating its Sustainability & ESG approach to the pressing issues faced by society today. The group regularly engages with its stakeholders, including employees, vendors, NGOs, government and financial institutions, and academic institutions, through meetings, surveys, communications, and conferences. The feedback from these stakeholders helps the group to progress in its action plan and objectives.

In addition to its stakeholder engagement, BESIX Group also strives to maintain high standards in its operations through regular audits. BESIX, the biggest company of the group, is audited every year by a leading inspection, verification, testing, and certification company and has received positive feedback in its recertification audit report for ISO 9001:2015, ISO14001:2015 and ISO45001:2018. This demonstrates the group's commitment to the coordination of all departments and entities, as well as its focus on aspects related to interested parties, risks & opportunities, actions, and objectives.

BESIX Group also participated in the EU consultation on Sustainable Corporate Governance and reported to the Business & Human Rights Resource Centre on the management of its migrant workforce in 2021 and 2022. Main requests from stakeholders include CSR/Sustainability policy, sustainable procurement, labour market requirements, responsible crisis management alongside the Covid-19 pandemic, green buildings, and reducing greenhouse gas emissions.

In 2022, BESIX was evaluated by EcoVadis and received the Gold sustainability medal rating, demonstrating the company's sustainability efforts and performance. BESIX is among the top 5 % of companies evaluated by EcoVadis in its industry to receive this score, and is now working to further improve its results and sustainability initiatives.

Starting in mid-2023, BESIX Group will take a strategic approach to align its ESG priorities with those of its main stakeholders. This consultation process will involve a double materiality matrix analysis, which determines how activities and finances may impact climate change and society compared to what may be faced internally.

KEY STAKEHOLDERS







BESIX's Sustainability & ESG Strategy

BESIX Group recognises the importance of sustainability and its social and environmental impact on its stakeholders, including clients and employees, and the communities in which it operates. The group is committed to demonstrating its Sustainability & ESG approach by engaging with its stakeholders, providing clear information on its sustainability efforts, and integrating sustainability into its group processes.

True to its noble purpose 'Excel in creating sustainable soluutive Senior Management, who work to translate the strategy into the reality of their business and ensure the group is following its commitments on a daily basis.

BESIX Group aims to comply with the ISO 26000 guidelines and 'Code Buysse III' in relation to CSR for Belgian non-listed companies. The group is an active member of the United Nations Global Compact and the UN federating platform 'The Shift' Network and focuses specifically on 10 UN SDGs on which it can have a direct positive impact.

The group is dedicated to following ethical business practices, human rights, working conditions, and preserving the environment. BESIX Group's ESG strategy is translated into reality by the senior management of each entity, who work together with their teams to support the group's engagements in their daily activities.

The strategic approach remains focused on the Business tions for a better world', ESG is integrated into the group's Units Contracting, as the Contracting activities represent processes and its sustainability strategy is based on 4 an important part of the group's turnover. BESIX Group is engagements and 8 commitments. The Sustainability & ESG increasingly responding to the growing ESG requirements strategy is supported by the Board of Directors and the Exec- of co-investors and lenders in the real estate development sector as well as in concessions and asset management.

> From mid-2023, BESIX Group will adopt a strategic approach to align its ESG priorities with those of its key stakeholders. This consultation process will include a dual materiality matrix analysis, which will identify how business and finance can impact climate change and society compared to what can be addressed internally. The group's intention is to undertake this exercise in order to update its roadmap and as one of the necessary steps towards compliance with the Corporate Sustainable Reporting Directive (CSRD), which the group will have to meet by 2026.







BESIX Group's Sustainability & ESG Roadmap

World challenges

Climate change | Ageing society | Green building | Scarcity of affordable energy Water scarcity | Lack of experts | Worker welfare

BESIX's selected sustainable development goals





















BESIX Group's purpose

"Excel in creating sustainable solutions for a better world."

BESIX Group's strategic framework

Central focus on people and united work approach with clear governance and lean

Emphasis on general contracting at heart and expertise-focused approach

Further investments in current areas of diversification such as real estate, conces sions, operations & maintenance

Pursuit of new diversification opportunities aligned with core competencies prioritising innovation and sustainability

Societal

Engagement

Sustainable engagements > Key sustainable commitments

Business Engagement

Carrying out respectful & sustainable operations

Endorsing Codes of Conduct

to the transition towards a low-carbon and low-waste

Contributing Encouraging solutions

Environmental

Engagement

people's safety & comfort

People

Engagement

employer

Promoting local social & economic development

inclusive with and NGOs

Carbon & Energy Management

BESIX Group commits to actively contribute to a low-carbon and a low-waste society. The Group recognises it can play a significant role by focusing on solutions to reduce its carbon footprint and encouraging circular economy to preserve the earth's resources.

As a signatory of the Belgian Alliance for Climate Action on 2020, committed to aligning their activities with the objectives of the Paris Agreement, BESIX Group took several steps to achieve its sustainability goals in 2022, such as extending the Organisational Boundary of the $\rm CO_2$ performance ladder certification to the BESIX Business Unit Europe.

At the same time, the following subsidiaries, as part of the Organisational Boundary, have joined this certification: BESIX Environment, BESIX Infra, BESIX Infra Support, BESIX Unitec, and its subsidiaries BESIX Unitec Automation, BESIX Unitec Nederland, BESIX Connect and Apperment, Franki Foundations and its subsidiaries Franki Grondtechnieken BV in The Netherlands and Atlas Fondations in France.

BESIX Group aims to become CO₂-neutral by 2050 at the latest for its direct and indirect emissions (scope 1 & scope 2) for its Organisational Boundary described above. The BESIX Group companies belonging to the Organisational Boundary of BESIX have committed to ambitious carbon-reduction targets, which are monitored and analysed periodically, and for which progress is reported and communicated structurally.

With the implementation of an energy & GHG reduction action plan with a specific focus on energy efficiency, the use of renewable energy and making its fleet of equipment and vehicles more sustainable through electrification and the use of sustainable fuels, BESIX Group will meet its reduction targets.

The Group is involved in innovative projects that minimise ${\rm CO_2}$ and energy impact on construction and advises clients on building passive or green-certified projects.

Carbon & energy ambitions

BESIX Europe and the BESIX Group companies belonging to the CO₂ Performance Ladder Organisational Boundary described above, commit to the following ambitions:

- to become neutral for their own direct (scope 1) and indirect (scope 2) carbon emissions by no later than 2050.
 An intermediate intensity reduction target has been set for end 2030 targeting a 40 % reduction (related to turnover) compared to the baseline year 2019;
- to promote and to be a leader in providing sustainable solutions to their partners and clients and, in doing so, to help them achieve their own climate goals and targets;
- 3. to promote and incentivise their supply chain, in particular the building material producers with the greatest potential in this area, to reduce their carbon emissions (scope 3 emissions) in order to become neutral by no later than 2050. Specific focus is given to the main categories as ready-mix concrete, rebar and (structural) steel.

The above ambitions have been defined because BESIX's impact as a construction company is twofold. It is direct through its own construction operations and project execution. It is indirect through the value chain of its partners and suppliers and through the sustainable solutions BESIX promotes and delivers to its clients.





Carbon & energy reduction programme

SCOPE 1 & 2 - Focus on 3 axes

1. Company car fleet

BESIX has the ambition to have a zero-emission company car fleet by no later than 2032. Intermediate targets on the percentage of zero-emission vehicles in the company car fleet have been set for 2025 (10 %) and 2028 (40 %). In order to obtain these targets the company car policy has been reviewed in 2021 integrating the shift to a full electric company car fleet.

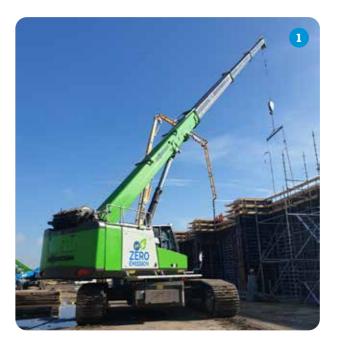
2. Electricity

As from 2022 BESIX has been procuring electricity from renewable resources for its Belgian and Dutch-owned offices and fixed production facilities. As from 2023 this is also applied to the project sites in Belgium.

3. Plant & equipment

Two workgroups have been formed. The first workgroup is focused to make site installations more sustainable with the objective to define minimal requirements for BESIX's site installations. The second workgroup is focused on large construction equipment.

Examples of specific achievements are the purchase of the first electric 50 tonnes telescopic crawler crane (Sennebogen 653E) with an autonomy of up to 10 hours and the use of more than 6.7 million litres of Hydrotreated Vegetable Oil (HVO) on the A16 De Groene Boog project in Rotterdam, avoiding the emission of 20,000 tonnes of CO_2 in comparison with the use of traditional fossil fuel. In the first quarter of 2023, testing of a hydrogen power generator has been carried out.



1. Electric crawler crane

SCOPE 3

BESIX's scope 3 strategy has been implemented over all the construction phases:

1. Design

During the design phase, the sustainability engineering department from BESIX proposes optimised solutions to limit the carbon footprint by performing life cycle analysis (LCA) and assessing the carbon footprint as a design parameter. An example is the Tour Triangle project in Paris, where a reduction of 20 % in carbon impact of the structural works was analysed with LCA by implementing a low-carbon concrete strategy. To facilitate long-term reuse and recycling, material passports are developed in combination with BIM to store the environmental data in a centralised digital platform.

2. Build

Besides low-emission equipment and alternative fuels, BESIX also proposes low-impact building materials through a sustainable supply chain with a specific focus on ready-mix concrete, rebar, and (structural) steel. BESIX has aligned itself with the 'Betonakkoord' ('concrete agreement') in the Netherlands and in December 2022, with the 'Circulair Betonakkoord Vlaanderen' (Belgium).

BETONAKKOORD



BESIX can offer its clients more sustainable alternatives for these materials than the standard materials by having in-house engineers in close contact with suppliers on the development of their sustainable solutions and participating in research projects such as 3D2B Green, SMARTINCS and lifeMACS.

3. Operations & Maintenance

BESIX is pioneering in solutions to create next-generation smart buildings by employing artificial intelligence, minimising energy costs and optimising the use of green energy. Aug·e, created by BESIX, Proximus and i.Leco, is bringing to the market state-of-the-art solutions in the field of smart buildings, which contribute to making buildings a significant actor in the energy transition. These solutions include the most innovative technologies to improve the energy performance and environmental impact of buildings, facilitate their long-term maintenance, and increase their users' comfort. A good example of smart building is the BESIX Nederland Head Office.

Scan this QR code for more information on BESIX Europe's CO₂ reduction ambitions, action plans, and (sector) initiatives.



Client Support

Combining value for money with sustainability

The construction industry has long been known for its significant impact on the environment, but in recent years it has also been recognised for its potential to help mitigate that impact. This brings both challenges and opportunities for the sector to embrace more sustainable practices. BESIX Group recognises the importance of being a driving force in the transition towards sustainability, in accordance with UN Sustainable Development Goals, the European Green Deal, and EU taxonomy.

Through close collaboration with clients, designers, and suppliers, the Group aims to rethink how construction projects are executed to support clients in meeting new regulations on sustainability and green construction. The goal is to help clients and the industry as a whole to achieve their sustainability objectives, including net-zero emissions and circularity. Additionally, the Group is dedicated to guiding clients who need advice and assistance in making their projects more sustainable both in the short and the long term.

ESG is changing market trends

In order to address environmental concerns and promote sustainability, clients must consider the impact of sourcing materials, and manufacturing processes will need to become more eco-friendly through GHG-free technology. Supply chains will also need to be optimised to achieve sustainability and resilience objectives. By providing sustainable solutions at every stage of a project, from design to maintenance, the Group can help clients reduce their GHG footprint and minimise their impact on the environment, benefiting society as a whole. As the sense of urgency has become undeniable, companies must take physical climate risks into account when making decisions about their operations. To stay ahead of the curve, regular meetings are organised with business partners to inspire each other and better understand clients' short and long-term expectations. The central theme of these interactions is how to combine sustainability and value for money objectives.

Responsible business

Adopting more responsible behaviour in terms of resource management, environment, and social impact urgently needs to become business as usual. Clients should ensure that projects are not only efficient and functional, but also sustainable. BESIX Group has several services in its competence package to guide clients in separate phases of project realisation, from buildings to infrastructure and industries, from design to maintenance.

The Group recommends the use of Early Contractor Involvement (ECI) to bring expertise and insights on sustainability from the beginning of the project. Design decisions made early on have a significant impact on a building's long-term value and return on investment, making a whole-life cost-value approach critical throughout the design and operation phases.

The Group's commitment to sustainability is also illustrated by its team of in-house experts. From sustainability engineers to GHG & QHSE experts, to procurement specialists, BESIX Group has a comprehensive competence centre knowledgeable in sustainable construction practices. These experts collaborate with clients to identify areas where sustainability can be improved and offer innovative solutions that are both practical and effective.



Design

Early Contractor Involvement

Improving value for money in the total life cycle by integrating design and planning at an early stage



Design Life Cycle Analysis

Quantifying environmental impacts over a project's life cycle



Design Data-driven

decision-making:

BIM. automation

technologies

such as robotics.

drones, and 3D

printing

Data-driven process
Shifting towards more data-driven

Data-driven Low-impact buildings and materials
Selecting low-impact buildings and materials

Selecting low-impact building materials: timber, ready-mix concrete, rebar, aluminium, glass, and (structural) steel

Build



Build Low-emission

equipmentChoosing

low-emission equipment and alternative fuels significant costs, waste, and carbon footprint reduction



& Mainte-

nance

Build Design / Modular Operations

Modular and circular construction

器

to a based n, with t costs, Using energy as a

Using energy as a service Smart building solutions: optimised (green) energy and eased long-term maintenance

Incorporating green building practices into construction projects across various sectors, including buildings, infrastructure, and industries, can yield significant benefits for both investors and society. By adopting sustainable technologies and practices, these projects can increase their asset value for investors while also meeting regulatory requirements.

In addition to providing financial benefits, sustainable practices can also deliver social and environmental benefits. Clients can achieve lower operating costs and better risk management and control, while also promoting high environmental performance and social well-being.

Jan Van Steirteghem, General Manager Business Unit Europe: "At BESIX Group, our commitment to sustainability goes beyond simply acknowledging the importance of reducing our carbon footprint. We are dedicated to being a driving force in the transition towards a more sustainable future. Our comprehensive sustainable services, from design to maintenance, can help our clients achieve their sustainability objectives, reduce their impact on the environment, and promote social well-being. Our team of in-house experts collaborates with clients to identify areas where sustainability can be improved and offer innovative solutions that are both practical and effective. By incorporating green building practices into construction projects, our clients can benefit from increased asset value, improved risk management and control, and lower operating costs. We encourage our clients to join us in our commitment to sustainability and to collaborate with our team of experts to implement concrete solutions at the earliest stage of a project's design concept. Choosing low-impact materials, incorporating modular construction, and using smart solutions to monitor energy are just a few examples of the innovative and effective solutions our experts can propose to help clients achieve financial benefits, as well as promote high environmental performance and social well-being."

