



- 1. Opportunity
- 2. Progress Group vision
- 3. Half slab <--> Hollow core
- 4. Challenges & opportunities <--> Tools
 - 4. A. Human resources
 - 4. B. Project complexity
 - 4. C. Sustainability
 - 4. D. Efficiency



- 1. Opportunity
- 2. Progress Group vision
- 3. Half slab <--> Hollow core
- 4. Challenges & opportunities <--> Tools
 - 4. A. Human resources
 - 4. B. Project complexity
 - 4. C. Sustainability
 - 4. D. Efficiency

Opportunity









- 1. Opportunity
- 2. Progress Group vision
- 3. Half slab <--> Hollow core
- 4. Challenges & opportunities <--> Tools
 - 4. A. Human resources
 - 4. B. Project complexity
 - 4. C. Sustainability
 - 4. D. Efficiency

Progress Group - companies





Progress Group vision



"Our Mission is to sustainably create better living conditions for people"



- 1. Opportunity
- 2. Progress Group vision
- 3. Half slab <--> Hollow core
- 4. Challenges & opportunities <--> Tools
 - 4. A. Human resources
 - 4. B. Project complexity
 - 4. C. Sustainability
 - 4. D. Efficiency

Half slab <--> Hollow core

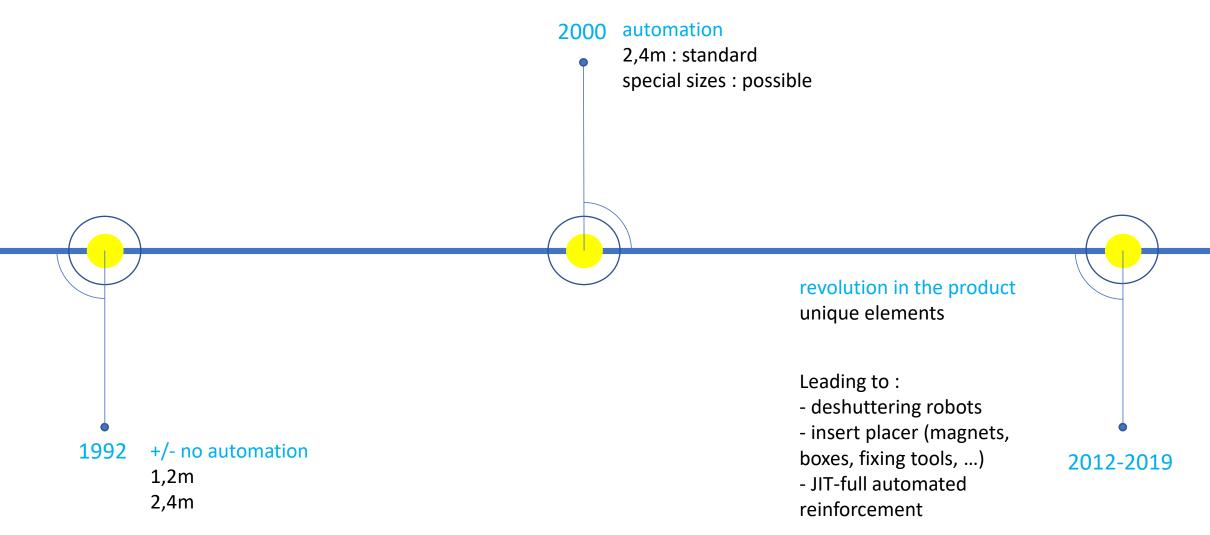






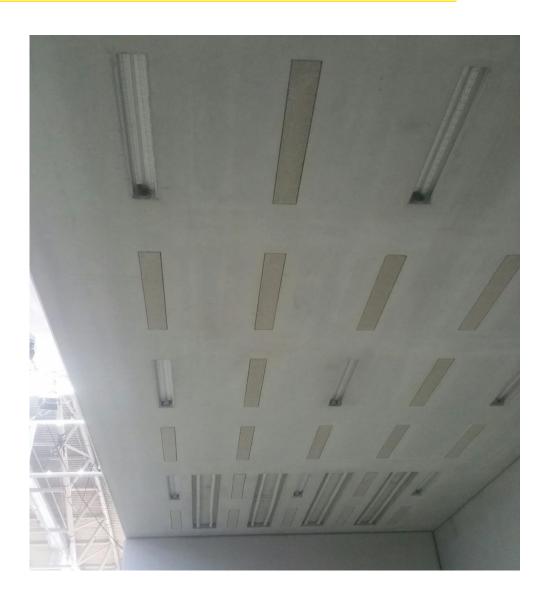
Half slab





Half slab

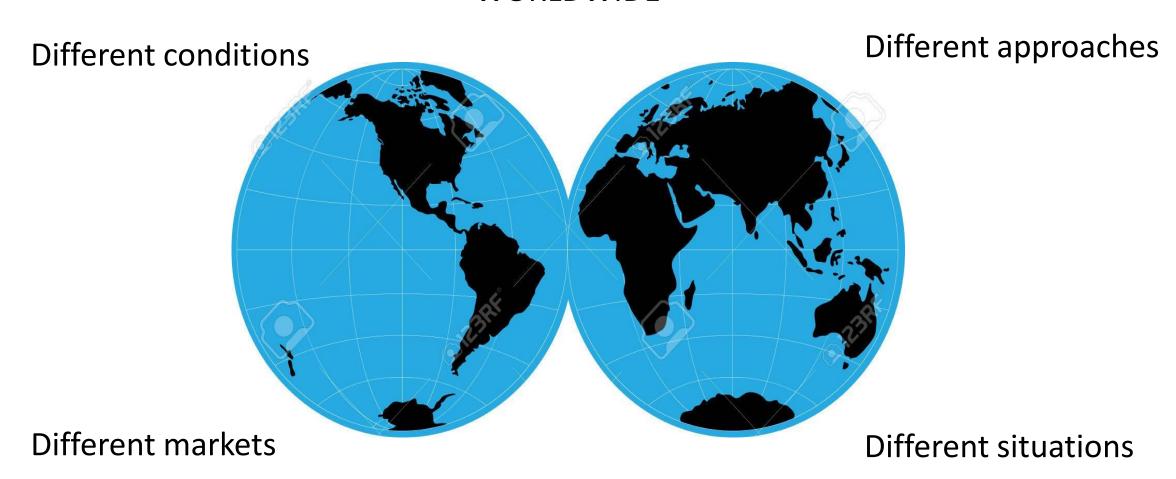




Hollow core



WORLDWIDE



Different people



- 1. Opportunity
- 2. Progress Group vision
- 3. Half slab <--> Hollow core
- 4. Challenges & opportunities <--> Tools
 - 4. A. Human resources
 - 4. B. Project complexity
 - 4. C. Sustainability
 - 4. D. Efficiency

Challenges & opportunities <--> tools



- 1. Human resources
- 2. Complexity
- 3. Sustainability
- 4. Efficiency





- 1. Opportunity
- 2. Progress Group vision
- 3. Half slab <--> Hollow core
- 4. Challenges & opportunities <--> Tools
 - 4. A. Human resources
 - 4. B. Project complexity
 - 4. C. Sustainability
 - 4. D. Efficiency

Human resources





The future for HR?

Companies are suffering from growing pains



Organizations are focused on growth. Year-on-year, 98% are growing their revenues



84% say they have problems finding/recruiting the right skills to help them grow

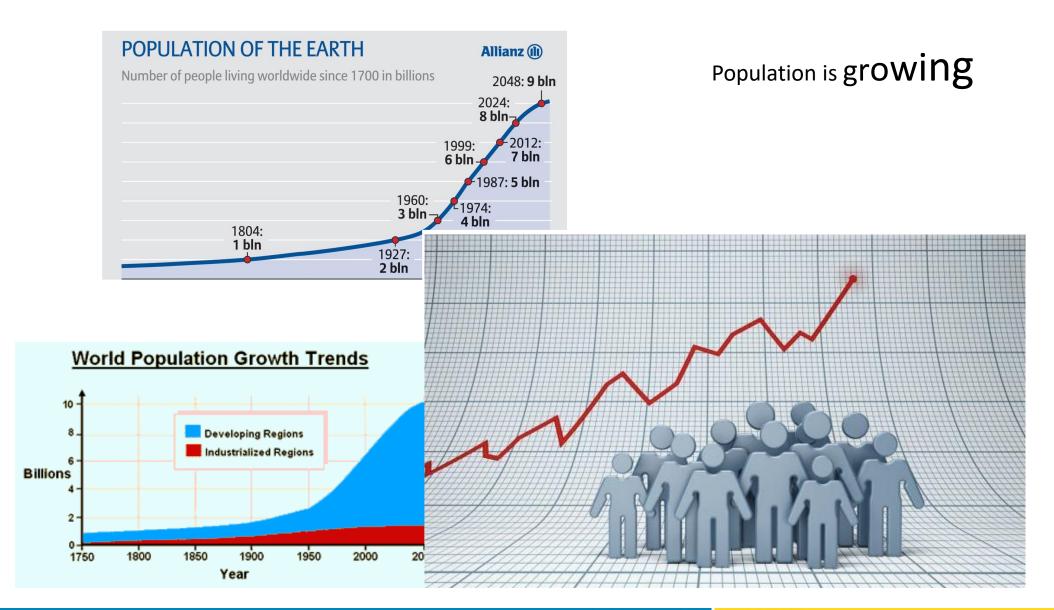


And yet, 10% of employees leave every year

Finding the right people may be tough. But keeping them is just as hard.

Human resources





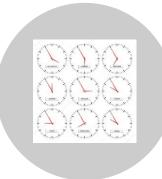
Human resources

"global" employees with their differences in :

- culture
- language
- time zone
- workplaces
- "social media" generation

- ...













- 1. Opportunity
- 2. Progress Group vision
- 3. Half slab <--> Hollow core
- 4. Challenges & opportunities <--> Tools
 - 4. A. Human resources
 - 4. B. Project complexity
 - 4. C. Sustainability
 - 4. D. Efficiency

Project complexity



"The sheer complexity and variability of today's megaprojects require a projectoperating approach that integrates technical and management systems"

McKinsey Global Insitute



Ghelamco Arena (Belgium)

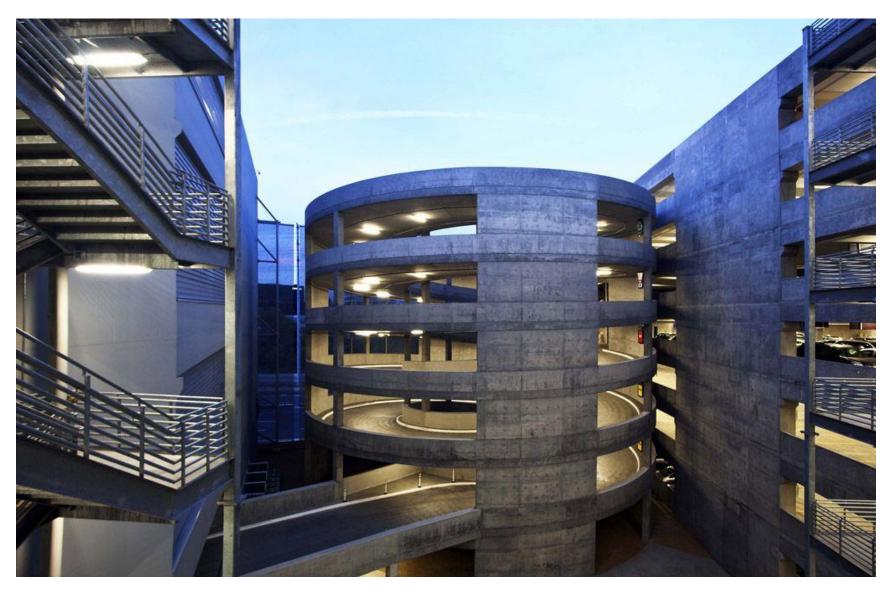






Mineta San José Airport (USA)





Jubilee Church (Italy)





Handling the complexity of projects





Just in time production & delivery





Flexibility

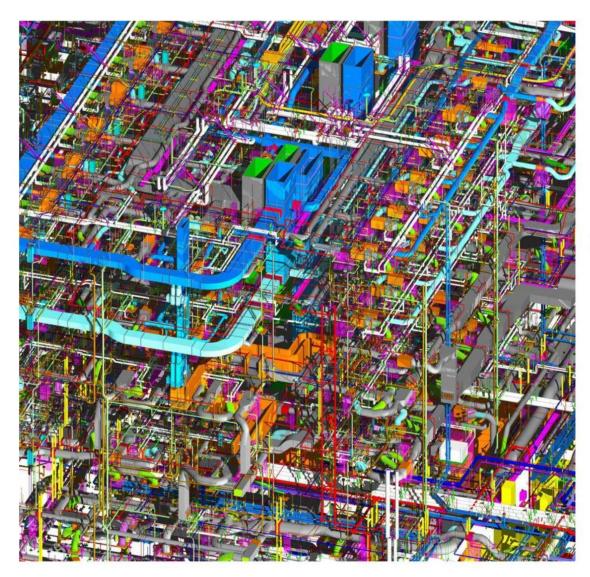




Product responsability

Project complexity

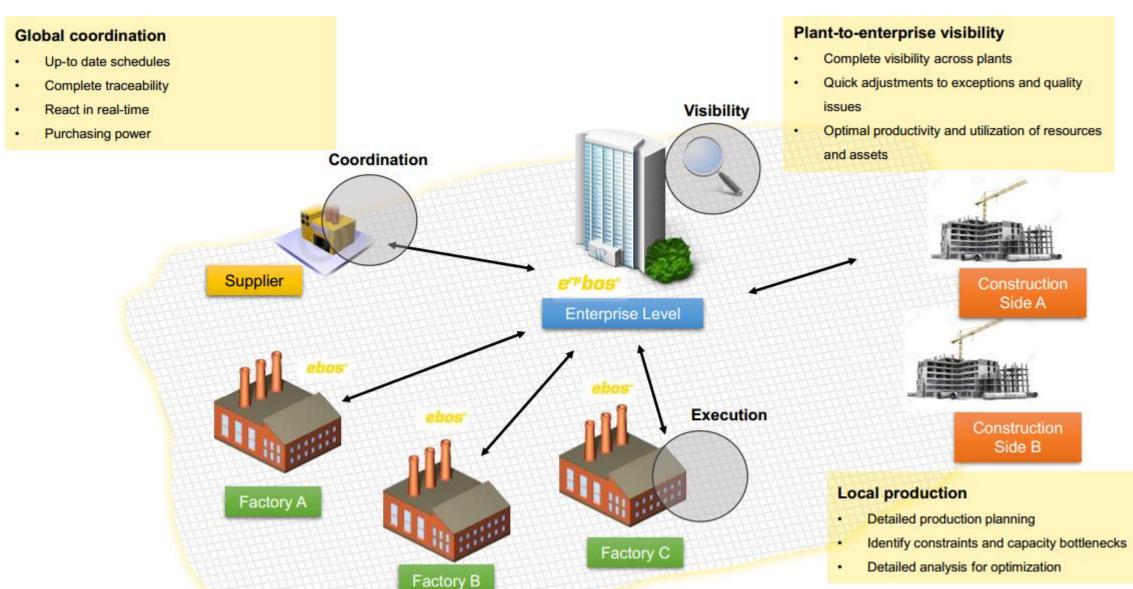






Project complexity







- 1. Opportunity
- 2. Progress Group vision
- 3. Half slab <--> Hollow core
- 4. Challenges & opportunities <--> Tools
 - 4. A. Human resources
 - 4. B. Project complexity
 - 4. C. Sustainability
 - 4. D. Efficiency





Water saving



CO2-Emission



Dust and waste



Green energy



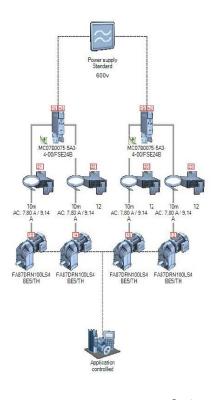


Using the right technology

Battery



New generation of motors



New generation of drives



Transport wagons



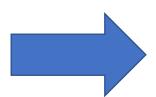






Fresh Concrete Saw – battery driven









Plotter

- safe energy through weep hole drilling in wet concrete
- not heavy work on dry concrete





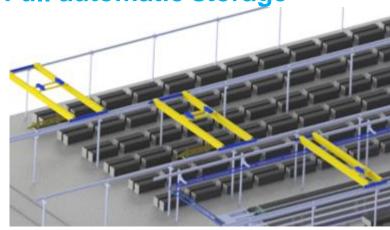
- 1. Opportunity
- 2. Progress Group vision
- 3. Half slab <--> Hollow core
- 4. Challenges & opportunities <--> Tools
 - 4. A. Human resources
 - 4. B. Project complexity
 - 4. C. Sustainability
 - 4. D. Efficiency







Full automatic storage



Full automatic sawing



Full automatic fresh



Plotter

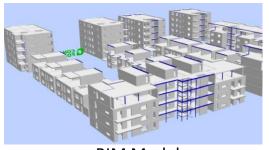


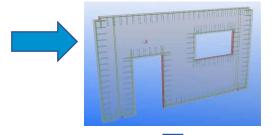






Project







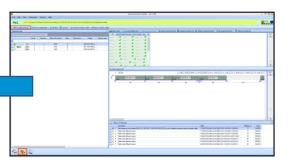
Statistics _

BIM Model

Planning







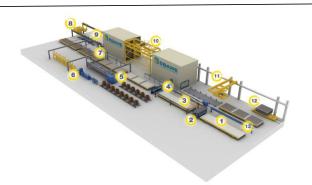


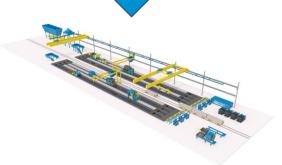
Transport

Scheduling

Reports

Production







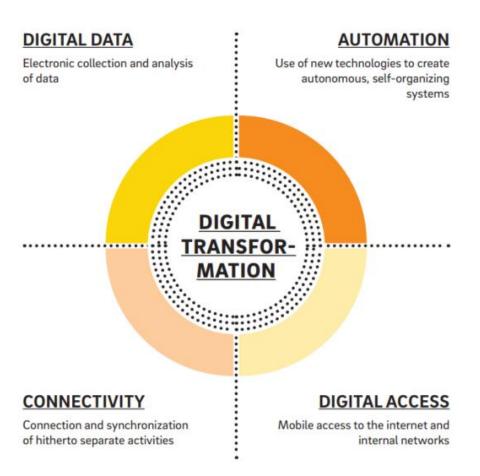


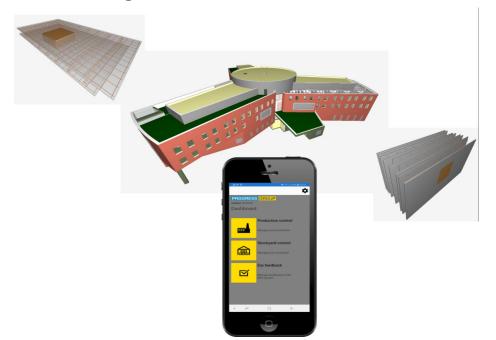
Data Capture



Cloud based digital access

Digitalise - automation

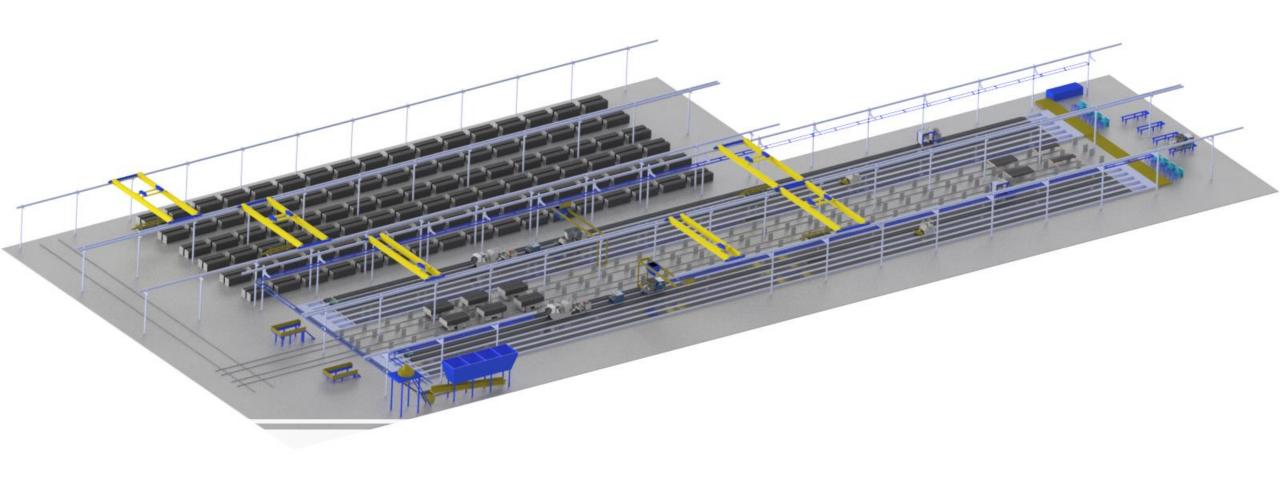






The Precast Plant of the future





The Precast Plant of the future



Important is: never standing stil

Investing in the right machines digitalisation, smart processes and products

combined with well-thought ideas about energy & material

and pay attention to creativity & involvement of the people





We are ready for the future



Thanks for your attention