PERSPECTIVES of the
ROMANIAN PRECAST CONCRETE
MARKET | Positioning
compared to other European
countries

International Conference

"PRECAST CONCRETE SOLUTIONS"

3rd Edition

Nov-7th, 2019



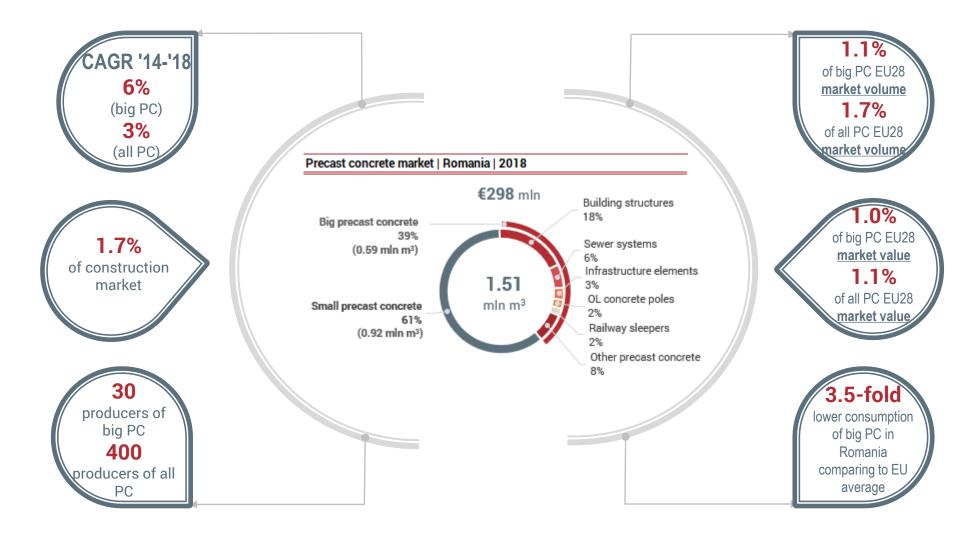


CONTENT

- 1. Precast concrete market | Overview
- 2. Position of Romanian market in Europe | 2018
- 3. Development Potential
 - **▶** Road network | positioning of Romania in Europe
 - **▶** Sewerage network
 - **▶** Buildings
- 4. Perspectives of Big Precast Concrete Market in Romania
- 5. Samples of potential new precast concrete products for residential sector in Romania

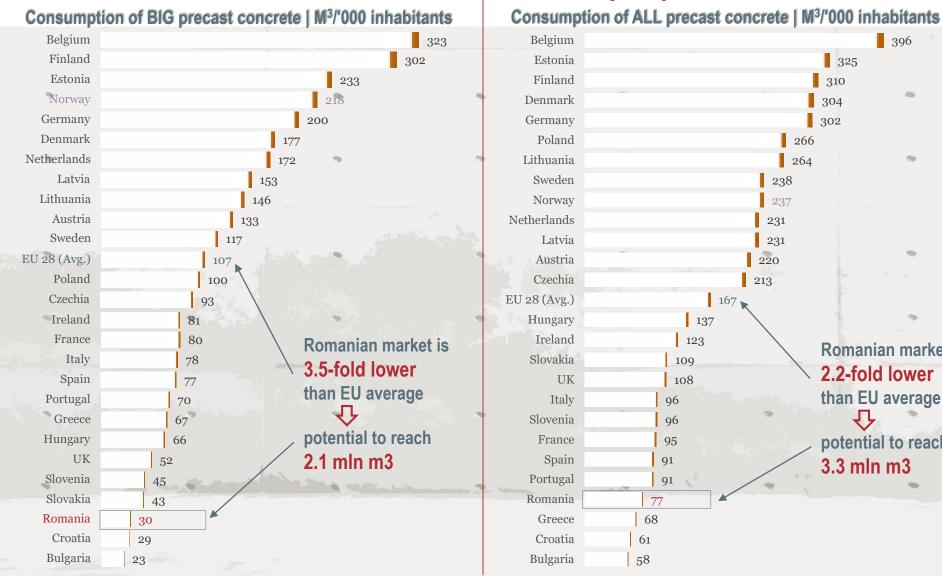


1. Precast concrete market | Overview





2. Position of Romanian market in Europe | 2018





396

Romanian market is

2.2-fold lower

than EU average

potential to reach

3.3 mln m3

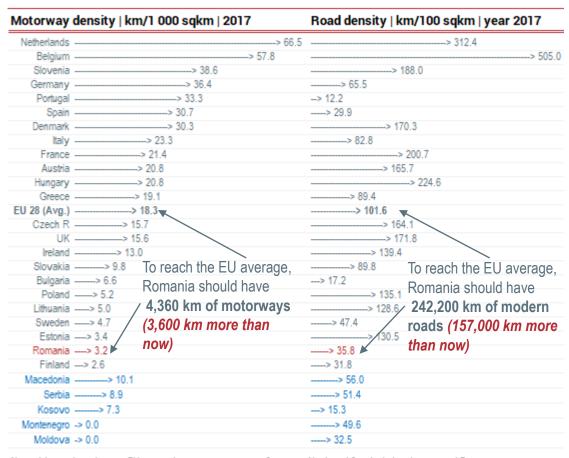
325

310

304

302

3a. Road network development potential | positioning of Romania in Europe



Importance of a big motorway project in precast concrete industry.

Pitesti-Sibiu motorway project

→ road nodes: 8
→ tunnels: 9 (8 km)
2020-2023 → bridges: 71 (26 km)
→ viaducts: 58 (20 km)
122 km → sound absorbing panels: 42 localities (117 km)
€ 1.3 bn → small bridges: 130
+ 2.2 mln to cement, 2.2 mln m³ RTU concrete, asphalt mixtures 1.1 mln to,

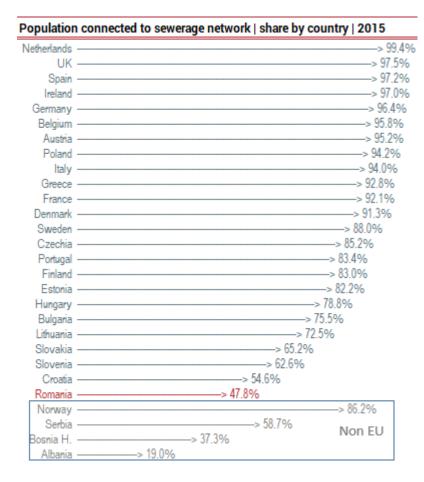
steel 1 mln to

Note: blue colored = non-EU countries

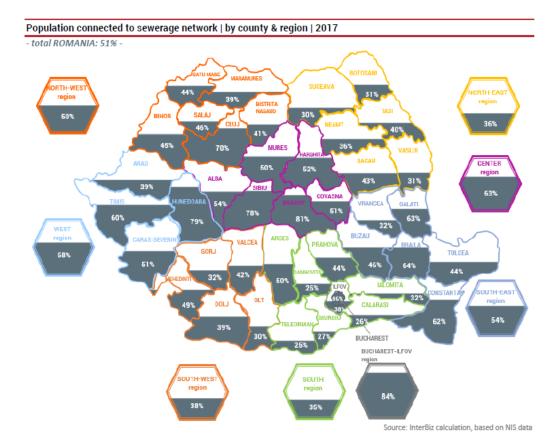
Sources: National Statistic Institutes and Eurostat



3b. Sewerage network development potential



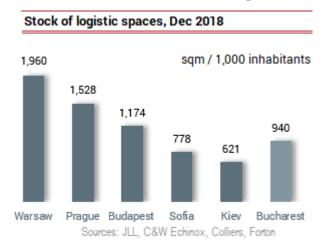
- public utility, water and sewerage networks, not reaching >30% households
- ▶ new sewerage network annually = 2% of total population

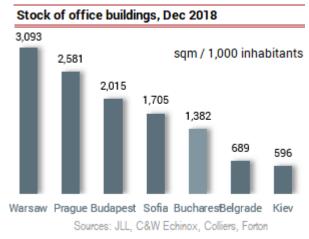




3c. Growth potential for buildings (logistics, offices, stores, dwellings)

...non-residential buildings





- ▲ Increasing retail & eCommerce market requires new modern stores and logistic spaces
- ► Further development of nonresidential buildings

■ Very low utilization rate

concrete in new residential

buildings (especially block

► Low utilization of precast

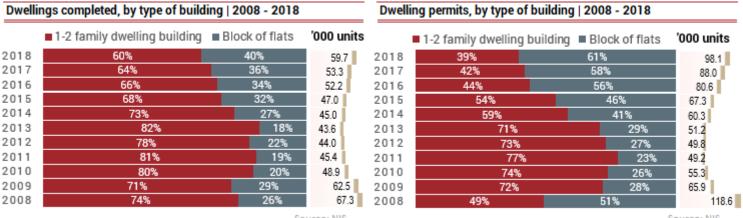
of residential zones

concrete in urban design

(<0.5%) of precast

of flats)

...residential buildings



Source: NIS

Source: NIS

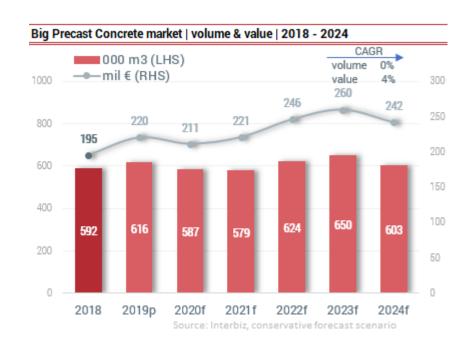


4. Perspectives of Big Precast Concrete Market in Romania

...conservative scenario

Premises

- decline of new industrial & logistic spaces in 2020 & 2021; the market reaches already the peak of this economic cycle
- starting of new motorway Pitesti-Sibiu, construction during 2020 - 2023 (3 sections)
- ► EU funds for the 2014-2020 program; absorption rate increasing "n+3" as the previous programming period
- ongoing Ro-NET project (broadband connection of villages)
- railway network improvement will record the same oscillating evolution, but will continue
- Investments in new sport arenas (especially football stadiums)
- the residential market remains reluctant to use prefabricated concrete



Different evolution, by range of product

CAGR 2018 - 2024

building structures	<u>-3%</u>
infrastructure elements	+15%
sewerage systems	+1%
OL concrete poles	<u>-6%</u>
railway sleepers	-4%
other big precast concrete	+1%



5. Samples of potential new precast concrete products for residential sector in Romania

(urban design, stairs, balconies)











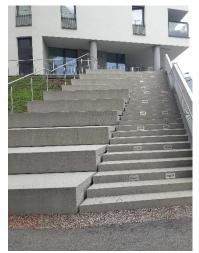














...all questions are welcome. Thank you for your time!



Adrian Iordache managing director

Mobile, RO: +40.721-268 653

Mobile, AT: +43.660-402 44 96

Adrian.lordache@interbizgroup.ro

www.interbizgroup.ro

