

Titan Antea Presentation

Antea Cement and
Group Engineering & Technology



Titan Group Overview

Mapping of Titan Group Operations

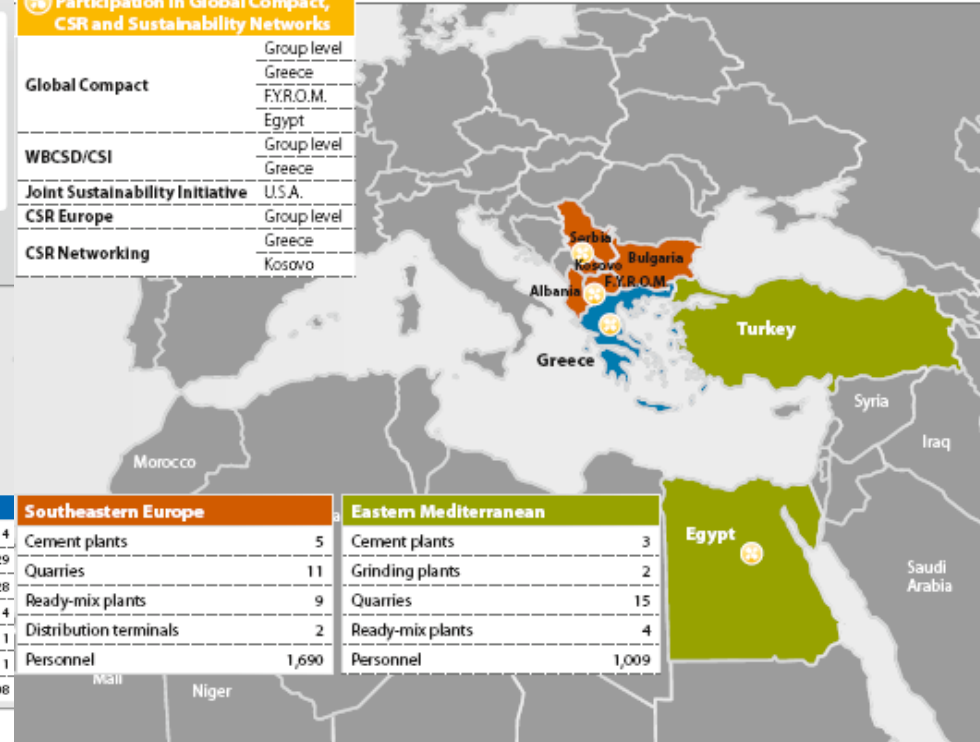
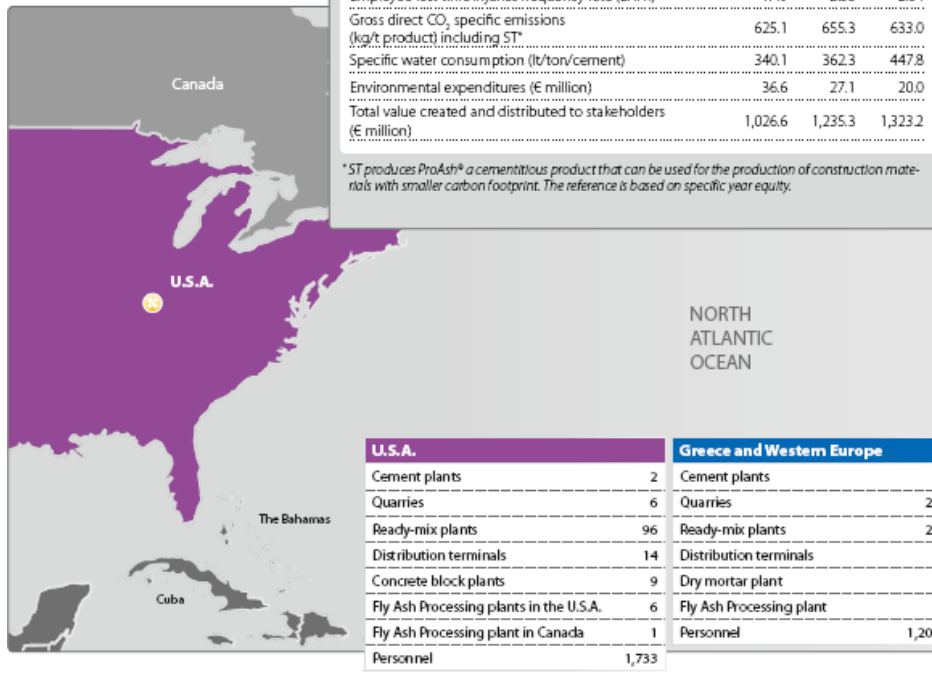
Non-financial Performance

	2011	2010	2009
Direct employment	5,640	6,161	5,903
Employee lost time injuries frequency rate (LTIFR)	1.49	2.33	2.64
Gross direct CO ₂ specific emissions (kg/t product) including ST*	625.1	655.3	633.0
Specific water consumption (lt/ton/cement)	340.1	362.3	447.8
Environmental expenditures (€ million)	36.6	27.1	20.0
Total value created and distributed to stakeholders (€ million)	1,026.6	1,235.3	1,323.2

*ST produces ProAsh® a cementitious product that can be used for the production of construction materials with smaller carbon footprint. The reference is based on specific year equity.

Participation in Global Compact, CSR and Sustainability Networks

Global Compact	Group level
	Greece
	FY.R.O.M.
	Egypt
WBCSD/CSI	Group level
	Greece
Joint Sustainability Initiative	U.S.A.
CSR Europe	Group level
	Greece
CSR Networking	Kosovo



Source: Titan CSR Group REPORT, 2011

Titan Group Overview



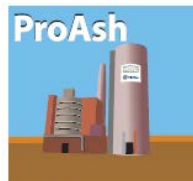
World Business Council for Sustainable Development



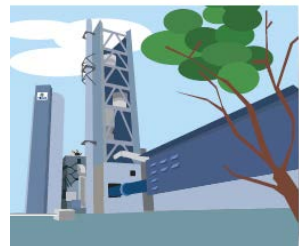
QUARRYING ACTIVITIES

QUARRY REHABILITATION

More than 1.9 million plants have been used in quarry rehabilitation, other reforestation initiatives of TITAN Group and donations to third parties.



ENVIRONMENTAL FRIENDLY SOLUTIONS



CEMENT PRODUCTION

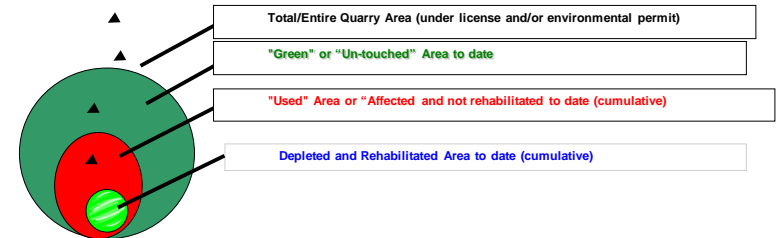


READY-MIX PRODUCTION

Titan Group Aggregates

2011 Figures in brief

- Number of Operating Quarries: 52, spread in 9 countries and 2 Continents (Albania, Bulgaria, Egypt, FYROM, Greece, Kosovo, Serbia, Turkey, USA);
 - ❑ 33 quarries for cement;
 - ❑ 14 quarries for aggregates;
 - ❑ 5 serving both cement & aggregates.
- Total Production: 24,3 million tons of raw materials; 16,0m tons for cement + 8,3m tons aggregates.
- Total area of active quarries: 91,7 million m²;
 - ❑ 17,3m m² affected by the operations;
 - ❑ 14,7m m² rehabilitated;
 - ❑ 59,7m m² 'green' or untouched.
- **Green Field** Sites for Aggregates (under development): 10 in total (Albania, Bulgaria, Serbia, FYROM, Egypt, and USA).
- **Sustainability Initiatives** (focus SEE Region):
 - ❑ All quarries implement EMS's according to ISO 14001;
 - ❑ EIAS conducted for all quarries;
 - ❑ Mining Plans and Rehabilitation Plans in place and implemented in all quarries.
- **Major challenges** (focus SEE Region): Continuous improvement as part of the EMS; Biodiversity Management Plans for known cases of biodiversity interest (ref. Bulgaria and few cases in Greece).



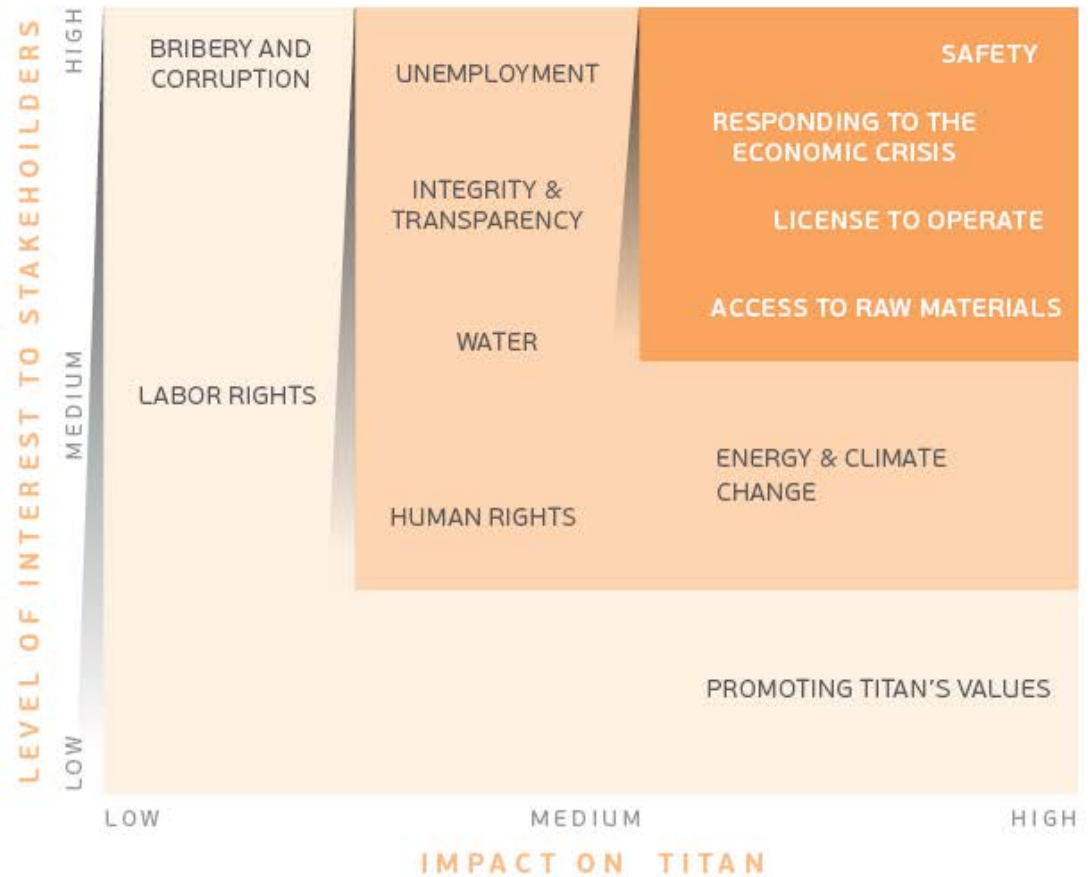
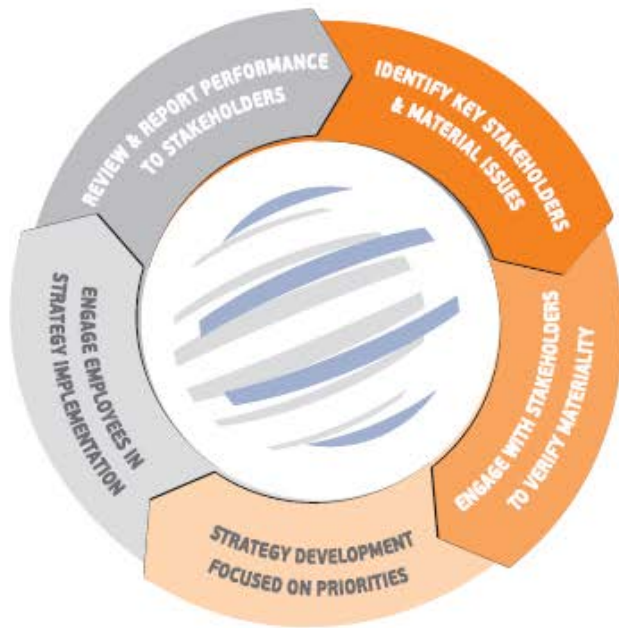
Titan Group Aggregates

SEE Region Aggregates Group 'Portfolio'

- **Albania:** **Green-field** project for limestone close to ANTEA Cement Plant; develop in 3-yr period.
- **Bulgaria:**
 - ❑ Joint venture operations (with Holcim) in Sofia and Plovdiv: 0,7 million tpy limestone + 1,0 million tpy sand & gravel for aggregates production;
 - ❑ **Green-field** project for sand & gravel in Rousse, under final stage of licensing procedures;
 - ❑ Other opportunities for **green-fields** close to Zlatna Panega Cement Plant and in Sofia for limestone and sand & gravel.
- **Greece:** Beyond 40 years experience in aggregates business; currently 11 active quarries: approx. 3,0-3,5 million tpy limestone for aggregates production.
- **Kosovo:** **Green-field** project for limestone close to SharrCem Cement Plant; develop in 5-yr period.
- **FYROM/Macedonia:**
 - Operating quarry Goverlevo 20km from Skopje for both cement and aggregates production: app. 0,25 million tpy limestone for aggregates production;
 - **Green-field** project for limestone close to existing operations; develop in 3-yr period.
- **Serbia:** **Green-field** project for sand & gravel near Belgrade (in Vojevodine); develop in 5-yr period.

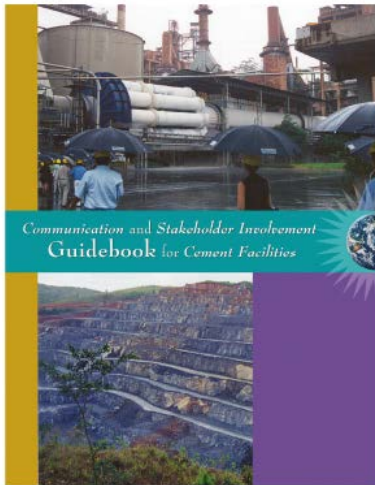
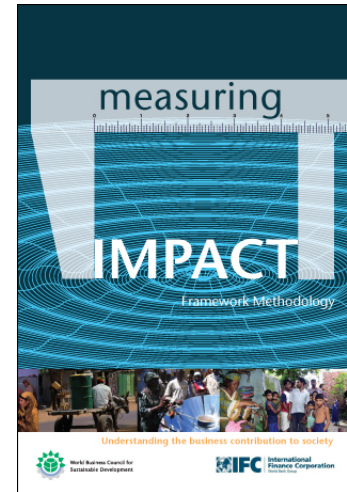
Review of materiality assessment

Stakeholder engagement process



TITAN's approach is based on principles and international standards:

- WBCSD Communications and Stakeholder Involvement for Cement Facilities.
- AA1000 Stakeholder Engagement Standard



Titan Antea Presentation

Thank You!

