

Operational and organizational efficiency

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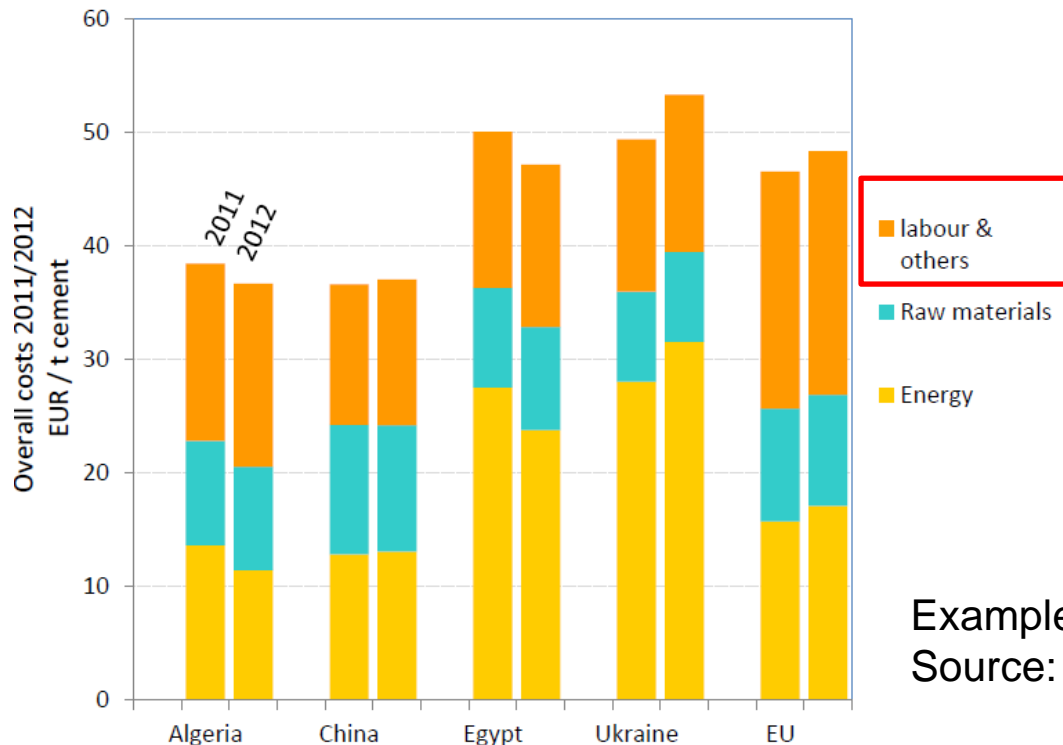
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Is permanent manpower to keep production alive your challenge?



Economics of operational and organizational efficiency

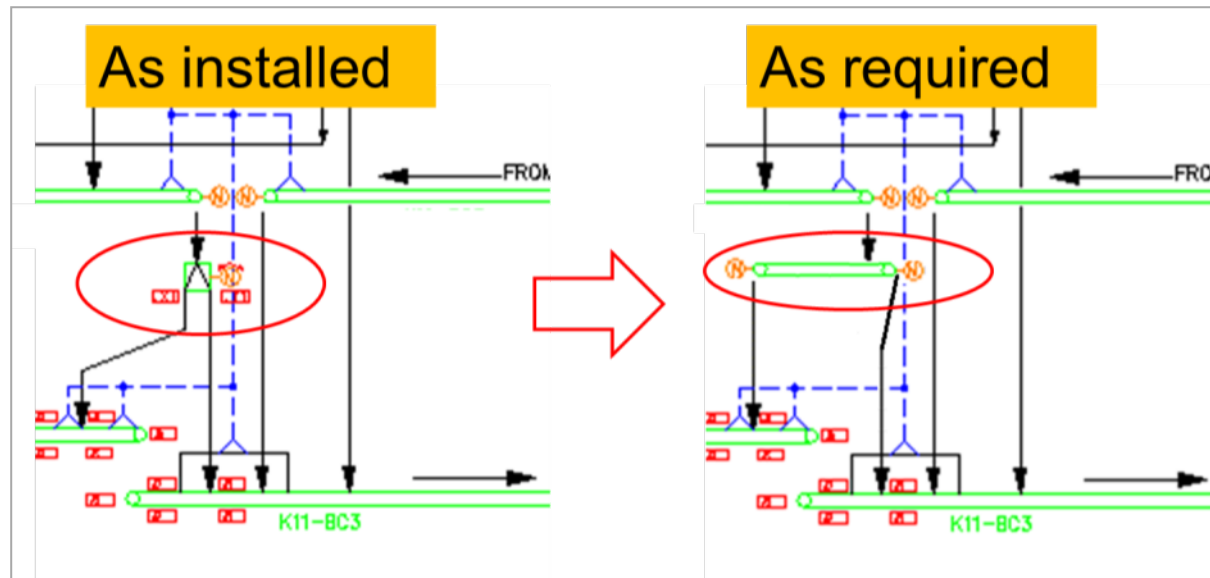
- The sum of production limitations/losses, annual salary & wages as well as associated cleaning costs.
- Other drivers such as e.g. health and safety, human errors, manpower targets, capacity upgradation etc.



Example of total manufacturing costs per t of cement
Source: European Commission

Basics: Operational and organizational efficiency

- Permanent manpower stationed at equipment indicates low automation or design, operation and/or maintenance deficiencies.
- Automation is mostly possible and should be explored with a specialist rather than equipment manufacturer to avoid narrowing-down the solution.



What do we offer?

Our competencies to improve operational & organizational efficiency

- Identification of automation opportunities.
- **Technical due diligence on site** with simple & hands-on visual reports with action list generation for follow-up and ease of tracking.

Discharge of 5E1-BC2

Solution with low investment

- Install self rotating hard face metal plate as shown below to centralize the material in the centre of the chute. Benefits: Elimination of chute wear and jamming for sticky materials.

Simple bearing



Install Hard
face metal
plate