### Impact of Quality Infrastructure Reforms (1/2)

| Enhance Competitiveness | • To enhance the product quality and compatibility by offering proof that products and services adhere to requirements of governments and/or companies.  
• Sales volume depends on conformity assessment and accreditation in product and services markets. These are large multiples, estimated as a factor of 35-60 in conformity assessment, which translates to about 100 for accreditation.  
• 44% of firms had to conduct significant duplication of testing procedures to meet foreign requirements after domestic requirements have been met;  
• 30% of firms had to conduct complete duplication of testing procedures;  
• 68% of firms cited testing and certification costs as an important reason for not exporting.  
• 84% of manufacturing companies in Germany use European and International Standards to gain access to global markets;  
• Estimates by OECD and the US Department of Commerce show that standards and related conformity assessment have an impact on 80% of the world’s trade in commodities.  
• A survey of British companies found that over 60% of product and process innovators used standards as a source of information for innovation.  
• To improve dissemination of information, allow interoperability, and economies of scale by improving national standards, and harmonizing with international standards.  
| Reduce Testing & Certification Burdensome | | | 
| Expand and Open Markets | | | 
| Increase Innovation & Technology Diffusion | | | 
| Improve Efficiency | | | 
| Increase Productivity Gains | | | 
| Ensure Safety, Health, Environmental Application | | | 

Research study on conformity assessment and accreditation by German Federal Ministry for Economic Affairs and Technology (Technopolis Group 2013).
Voluntary standards are a vital part of the strength of UK industry and play a crucial and role in supporting economic growth:

- **UK productivity**: 37.4% of UK productivity growth can be attributed to standards;
- **UK GDP growth**: 28.4% of annual UK GDP growth can be attributed to standards, equivalent to GBP 8.2 billion at 2014 prices;
- **UK exports**: GBP 6.1 billion of additional UK exports per year can be attributed to standards annually.

**Benefits in Applying ISO 26000 in the Specialty Hospital in Jordan include:**

- Increased patient satisfaction from 87.4% to 91%;
- Increased staff satisfaction from 66% to 74%;
- Reduced consumption of paper by 39%, electricity by 17%, water by 11%, and furl by 9%
- Saved 86,000 Jordanian dinars.

**Economic Benefits of Standards:**

- PT Wijaya Karya Beton in Indonesia (construction materials company) had economic benefits generated by standards of USD 115,000 annually, which amounted to 0.43% of the annual sales revenue and close to 6% of the annual EBIT;
- NTUC FairPrice in Singapore (food company) increased productivity by doubling the volume of goods handled while retaining the same number of employees;
- Chococam in Cameroon (food company) had economic benefits generated by standards of USD 19.6 million annually (5.2% of total annual sales).

Source: UK Department for Business, Innovation & Skills (2015); ISO (2014&2016);