



# ***European Lift Markets – EU Policies and Regulation***

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# 2015 – 2018 ROADMAP



# European Industry – Global Context

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- Megatrends impacting our industry
- Key ELA Priorities & Initiatives
- How Digitization will affect our People?



# European Industry – Context of Policy and Society

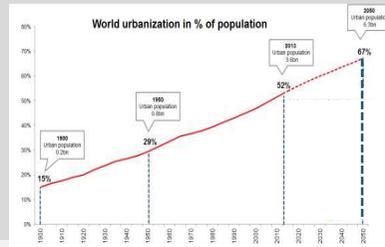
## Table of contents

- Megatrends impacting our industry
- Norms, Standards and Directives
- Some Key ELA priorities



# Global Megatrends – EU Policy

## Urbanization

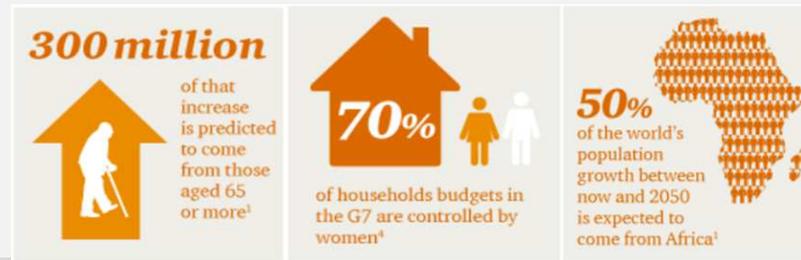


### Urban population

1900: **15%**      2050: **67%**

Two factors drive growth in this area.  
Population and density of elevators in service.

## Demographics



Forecasted to rise exponentially in the next 35 years.

## Increasing Consumer spend



Increasing Consumer Class to increase elevator density outside of Western World.

## Internet of things



**4** Billion Connected People

**\$4** Trillion in Revenue

**25** Million Apps

**50** Trillion Gigabytes of Data

The Internet of things will accelerate people's expectation on technology and accelerate market change.

# Growing needs for sustainable and smart urban living



Affordable,  
accessible  
vertical  
housing



Safe,  
reliable,  
efficient  
infrastructure



Improving  
living  
standards and  
convenience



Eco-  
efficiency and  
sustainability

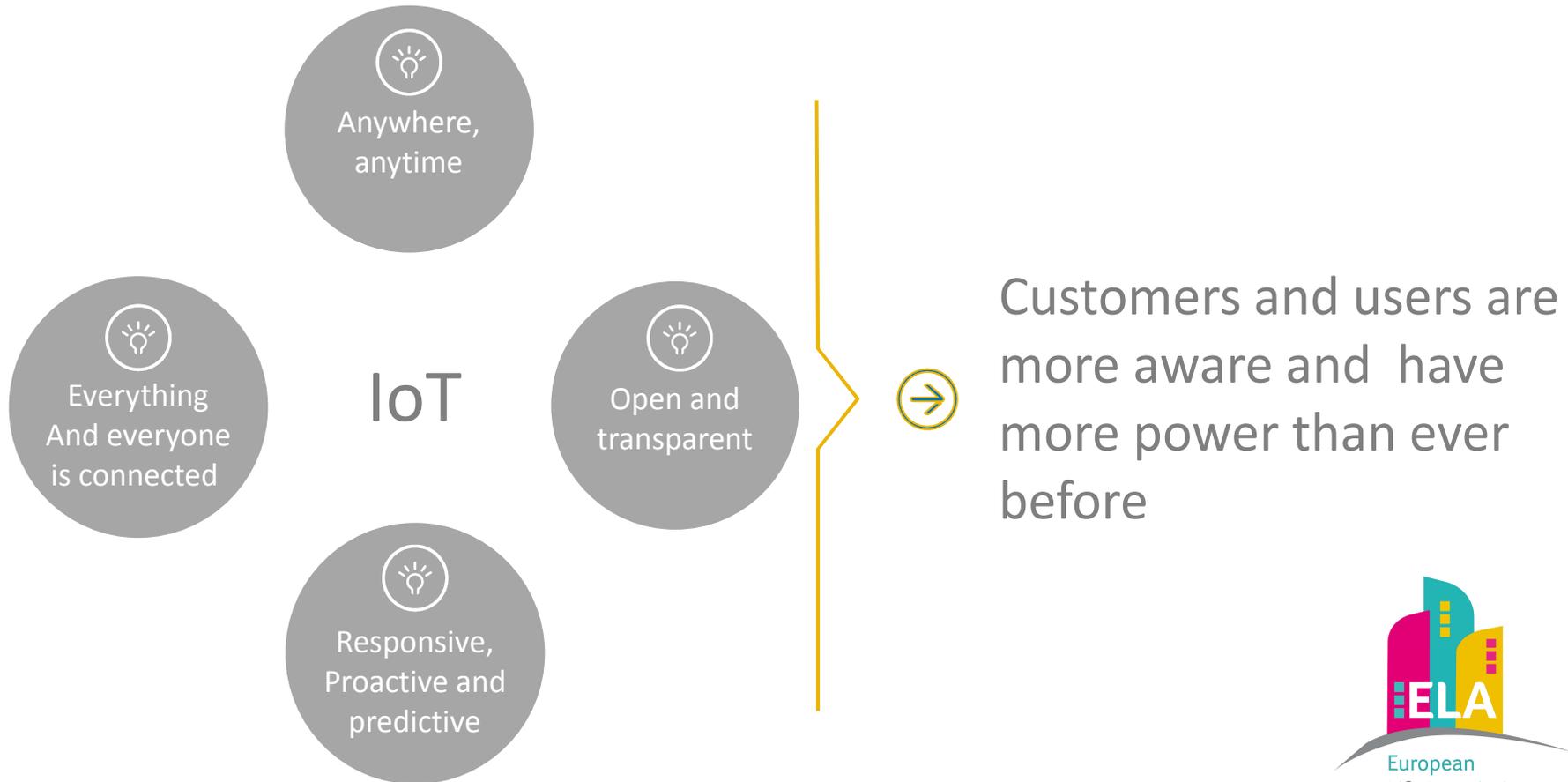


Growing  
building  
intelligence



Well being  
and  
happiness

# Technology has permanently upgraded customers' and users' expectations



# European Industry – Policy Context

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- Megatrends impacting our industry
- Key EU Policies of Relevance



# European Industry – Policy Context

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# The EU Lifts Directive

## Directive 2014/33/EU

Adoption: 26 February 2014

First date of full application: 19 April 2016

First publication of references of harmonised standards  
under the old mandate M/BC/CEN/92/3 in the OJEU: 20  
April 2016  
(2<sup>nd</sup> Publication on 12 August 2016)



# The EU Lifts Directive

## The Guide to Application of the Lifts Directive 2014/33/EU

- Discussions and stakeholder consultations in 2015-2016
- Revision for last adaptations by legal officer in spring 2017 to be followed by verification by technical desk officer in mid-2017
- Will be distributed for final comments
- The Guide cannot add obligations not included in the Directive
- The Guide shall not refer to standards or RfUs as mandatory reference documents
- Some specific questions regarding e.g. 'spare parts'



# The EU Lifts Directive

## Evaluation of the Lifts Directive 2014/33/EU:

### Article 46

*1. Before 19 April 2018 the Commission shall submit a report to the European Parliament and the Council regarding the implementation and functioning of this Directive.*

*2. The report shall be based on a consultation of relevant stakeholders.*

*3. The report shall be accompanied, where appropriate, by a proposal for revision of this Directive.*

- Evaluation Study of the Lifts Directive being carried out by EY (Ernst & Young)
- The consultant has made surveys, interviewed stakeholders and analysed contributions to on-line consultation
- An interactive Workshop was held on 11 January 2017



# The EU Lifts Directive

## Key Findings of the Evaluation:

- **Positive trends** in the Internal Market for lifts and safety components
- The LD ensured **legal certainty, transparency and set the basis for the establishment of a level-playing field**
- Evidence suggests **the dimension of the problem of lift-related accidents is limited**
- On average, these accidents **concerned more workers involved in lift installation and maintenance than users**. The trend in accidents involving workers is decreasing, while that involving users is increasing. This could be **indicative of an improvement in safety levels**



# The EU Lifts Directive

## Effectiveness – Areas of improvement

- *The prior approval provision causes discrepancies across EU MS that impact on both safety and internal market*
- *Additional requirements at the national level – no impact on functioning of Internal Market or safety (e.g. energy efficiency, lift modernisation, provisions for lift accessibility to people with disabilities)*
- *NBs accreditation process is different across EU MS, although expected to improve thanks to the NLF alignment*
- *Market surveillance in the sector is weak*



# The EU Lifts Directive

## EU Added Value:

- *Creation of a level playing field*
- *Harmonisation of safety requirements for lifts and safety components for lifts across the EU*
- *Enhancement of the free movement of lifts and safety components for lifts across the EU*
- *Allowing firms in the lift sector to implement internationalisation strategies thanks to increased harmonisation of legislation*
- *Increase in firms' tendency to innovate and their competitiveness with respect to global competitors*



# EU Policy focus on Environment & Sustainability

- Energy Efficiency Labelling / PCR-LCA-EPD
- Ecodesign (Working Plan III)
- EPBD, Lifts included in scope?
- Circular Economy
- Conflict Minerals



# EU Energy Efficiency Strategy

- Alignment and agreement on ELA's Ecology and Energy external Strategy
- Overview and proposed strategy on:
  - Energy Performance in Buildings Directive (EPBD)
  - Energy Labelling
  - Ecodesign

# 6.1 Overview and Proposed Strategy

- Background to EPBD:
  - Commission Proposal of November 30<sup>th</sup> 2016 amending and updating the EPBD
  - ELA Draft Position on Lifts and EPBD
  - Advocated the inclusion of '*Elevators and Escalators*' in the definition of 'technical building system' in Article 2 of the EPBD, meaning that Lifts and Escalators would be in scope of EPBD
  - Vote in ITRE Committee on October 2017 has voted for inclusion of Lifts and Escalators



# 6.1 Overview and Proposed Strategy

- Energy Labelling:
  - EU Council-Commission-EP ‘Triologue’ meeting on March 21 agrees that:

*“It is appropriate to continue to exempt them from the scope of this Regulation, including means of transport whose motor stays in the same location during operation, such as elevators, escalators and conveyer belts”*

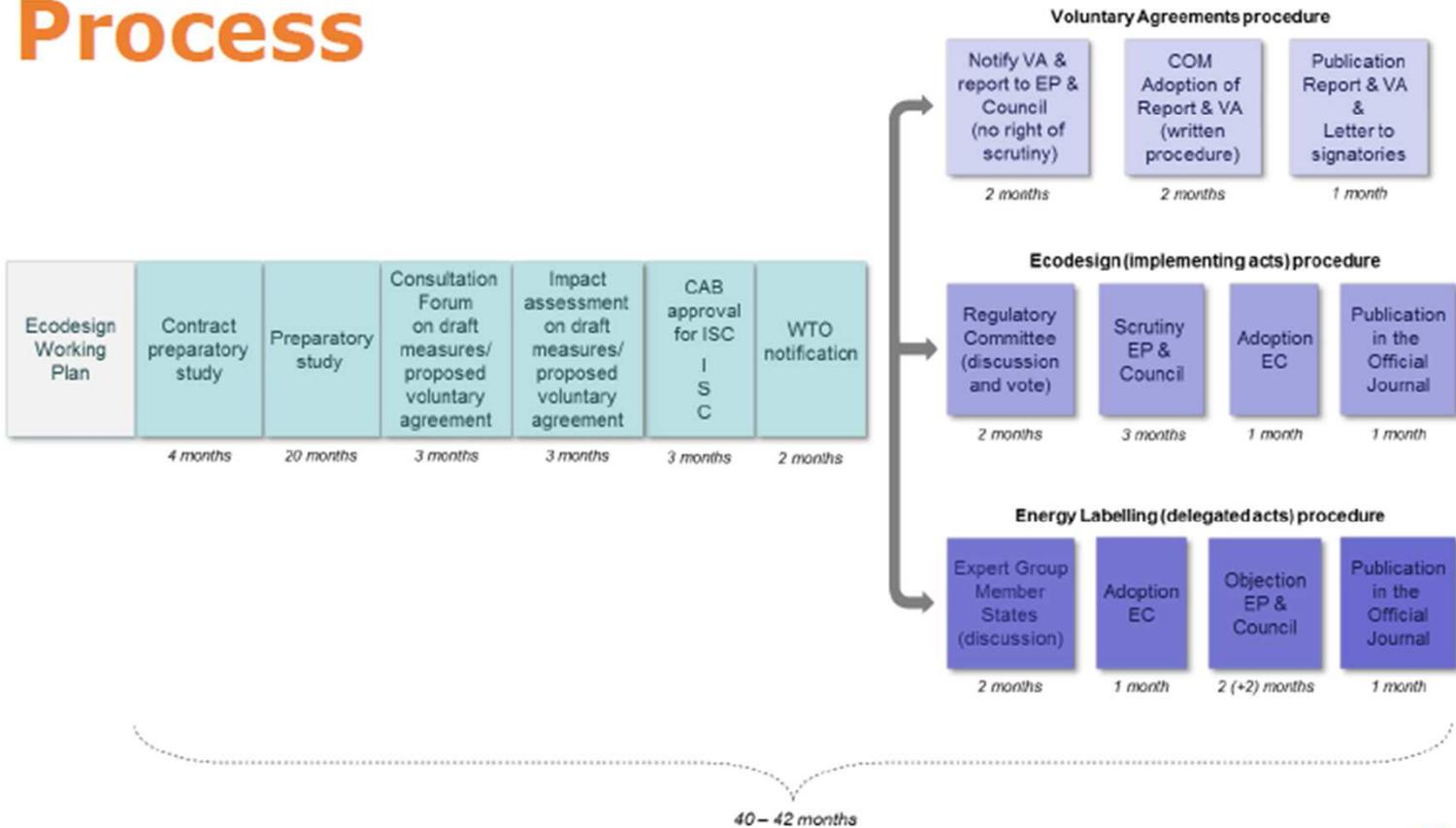
- Therefore, our sector will be exempted from the new Energy Labelling Directive on basis that:
  - It is already regulated by vertical sectoral legislation
  - It has a fixed motor

# 6.1 Overview and Proposed Strategy

- **Eco-design**

- ELA meeting confirmed with EU Commission confirmed that:
  - Lifts are still included in the Commission's Work Plan 3, 2016-2019
  - DG GROW will co-ordinate this work
  - The preparatory study is starting in October 2017
  - Timeline for completion within 24 months expected
  - Commission will then assess the results of the Study and then undergo a 'Regulatory Assessment procedure to decide whether to include Lifts in the Ecodesign implementing measures (legislation) – takes about 1 year
  - The Commission may decide:
    - to not include Lifts – if so, no legislative impacts on Lifts from Eco-design Directive OR
    - To include Lifts – if, so, legislative procedure takes 18 months to agree and then directly applicable – so, earliest 'Commission Regulation on Eco-design of Lifts' expected not before 2021

# Process



# 6.1 Overview and Proposed Strategy

- In summary:
- Lifts **probably** included in EPBD
- Lifts **will** be excluded from Energy Labelling
- Lifts **may** be included in Eco-design requirements, earliest 2021

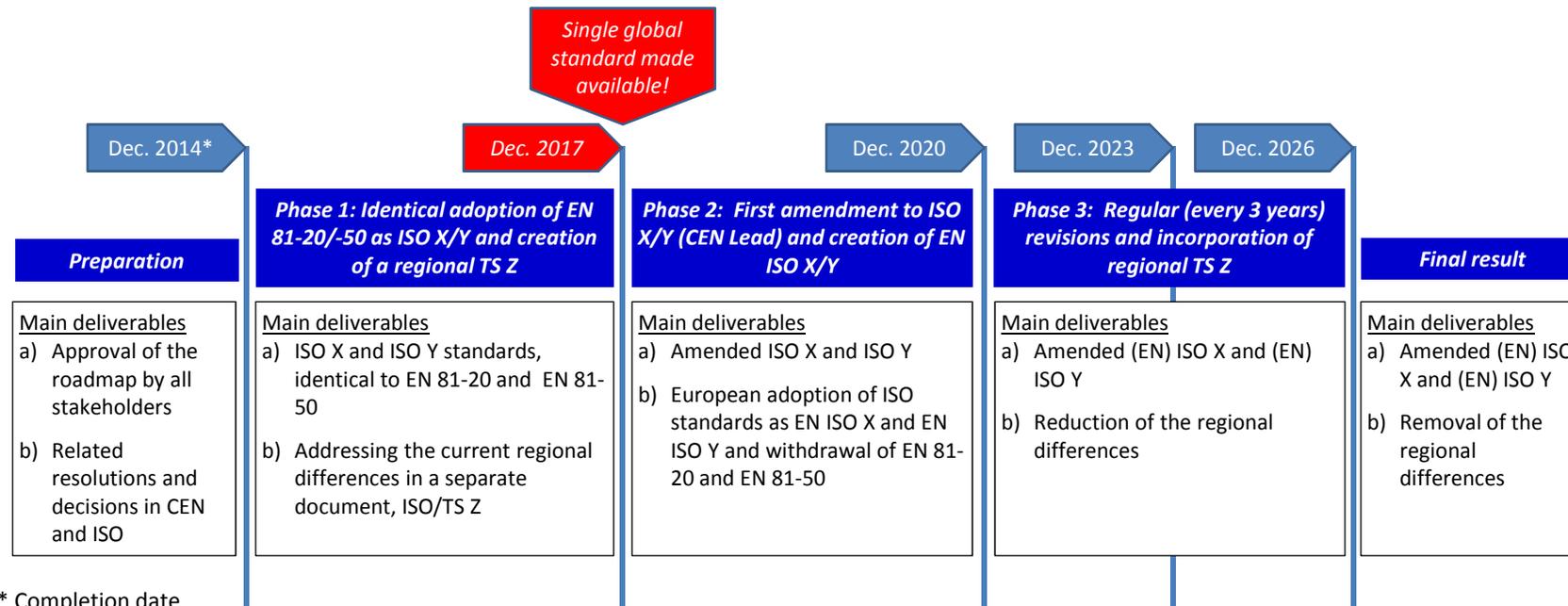
# ELA Priorities & other EU Policies

- Strengthen coordination & support to National Lift associations.
- Increase focus on lobbying activities and external communications.
- Follow up on LD 2014/33/EU application (Reporting, Traceability)
- EN 81 - 20/50 Introduction & Application
- Energy Efficiency - Ecodesign (EPBD / Labelling / PCR-LCA-EPC / WP III )
- Accessibility (Elderly / disable people, Renovate Europe, )
- Sustainability → What's next ?
- Develop cooperation with other European associations / Stakeholders

# Global code development roadmap

(Ver. M\_2015-10-27) - This Roadmap is subject to regular review, based on progress of the activities.

## **EN 81-20/-50 -> ISO X/-Y: Towards full harmonisation!**



### Status

- The EN 81-20/-50 -> ISO X/-Y Roadmap has been approved by CEN/TC 10 and ISO/TC 178 (all positive except Spain)
- CEN /TC 10 approved "offering" EN 81-20/-50 to ISO/TC 178 (100% positive)
- ISO/TC 178/WG4/TFC has prepared the draft for the ISO X/-Y identical to EN 81-20/-50
- ISO/TC 178/WG4/TFC is preparing draft of ISO TS Z
- The whole project is on schedule!



*Thank you for your attention !*

