

# **LIFTS INDUSTRY & EUROPEAN'S AGEING**

**ELA SEMINAR**

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# Which human facts?

## ■ PEOPLE

- Live longer → 70 → 80 → 90 years
- Have more and more disabilities when ageing
- Do not like discrimination

# Which human facts?

## MAJOR DISABILITIES in relation to moving

Loss of:

- ✓ **Mobility** (walking, stick need, ...)
- ✓ **Vision** (partial/total blindness)
- ✓ **Hearing** (partial/total deafness)

# Which needs for ageing people?

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- **Wish to stay & live at home as long as possible**  
*“Why should persons leave their home when becoming aged?”*
- **Cheaper solution than staying in an institution**
- **Minimise effects of increasing disability due to ageing**
- **Ensure maximum autonomy as long as possible**

# Which environment?

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## ■ BUILDINGS

- Collective residential buildings
- Private houses
- Public buildings

## ■ TOWNS (underground car parks, big stores, etc.)

## ■ TRANSPORTS (access to railway /metro station, airport, etc.)

# Role of lifts

- **To ensure vertical transport in**
  - **Buildings**
  - **Public areas**
- **Shall be**
  - ✓ **Safe**
  - ✓ **Easy to use**
  - ✓ **With acceptable speed**
- **Reduce the risk of accidents (stairs)**
- **Avoid efforts to people**
- **Bringing more & better comfort**
- **Ease moving in/out of the building**

# What has been done up to now?

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## FOR NEW LIFTS

- Regulations

European Lifts Directive 95/16/EC  
ESR's in Annex I, § 1.2

- Standardisation

European standards such as  
EN 81-70 Accessibility to lifts

# What has been done up to now?

## FOR EXISTING LIFTS

- Regulations

- **European Recommendation 95/216/EC**
- **National initiatives** (Belgium Royal Decree, France law SAE, ...)

- Standardisation

**European standards such as**

**EN 81-70** (where applicable)

**EN 81-80 SNEL** (refers to EN 81-70)

# What can be done tomorrow?

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- **PROMOTE**

- **In private houses**

- ➔ **Home lifts / Limited use Limited application (Lula)**

- **In collective residential building**

- ➔ **Impose a lift where more than 2 / 3 floors**

- ➔ **Install lifts in reduced width staircase**

- ➔ **Replace stairs by lift & create outdoor stairs**

# What can be done tomorrow?

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- **PROMOTE**

- **In public transports and urban development**

- ➔ **Escalators and/or inclined lifts**

- **In public buildings**

- ➔ **Every floor served by an accessible lift (EN 81-70)**

# What can be the benefit? For whom?

- **Building owner**

- Increase of building value
- Improvement in use of the building

- **Those living in the building**

- Additional comfort
- Reduction of risks
- Reduction of insurance risk/cost

# What can be the benefit? For whom?

- **Public authorities**

- **Savings for public health expenses**
- **Towns will become attractive**
- **No discrimination in public transport**

- **European Union**

- **Ensures**
- **Supports barrier free access and use across Europe**

# LIFTS INDUSTRY & EUROPEAN'S AGEING

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How could we act?