



# Energy Strategic Asset Management for Social Housing Operators in Europe (ESAM)

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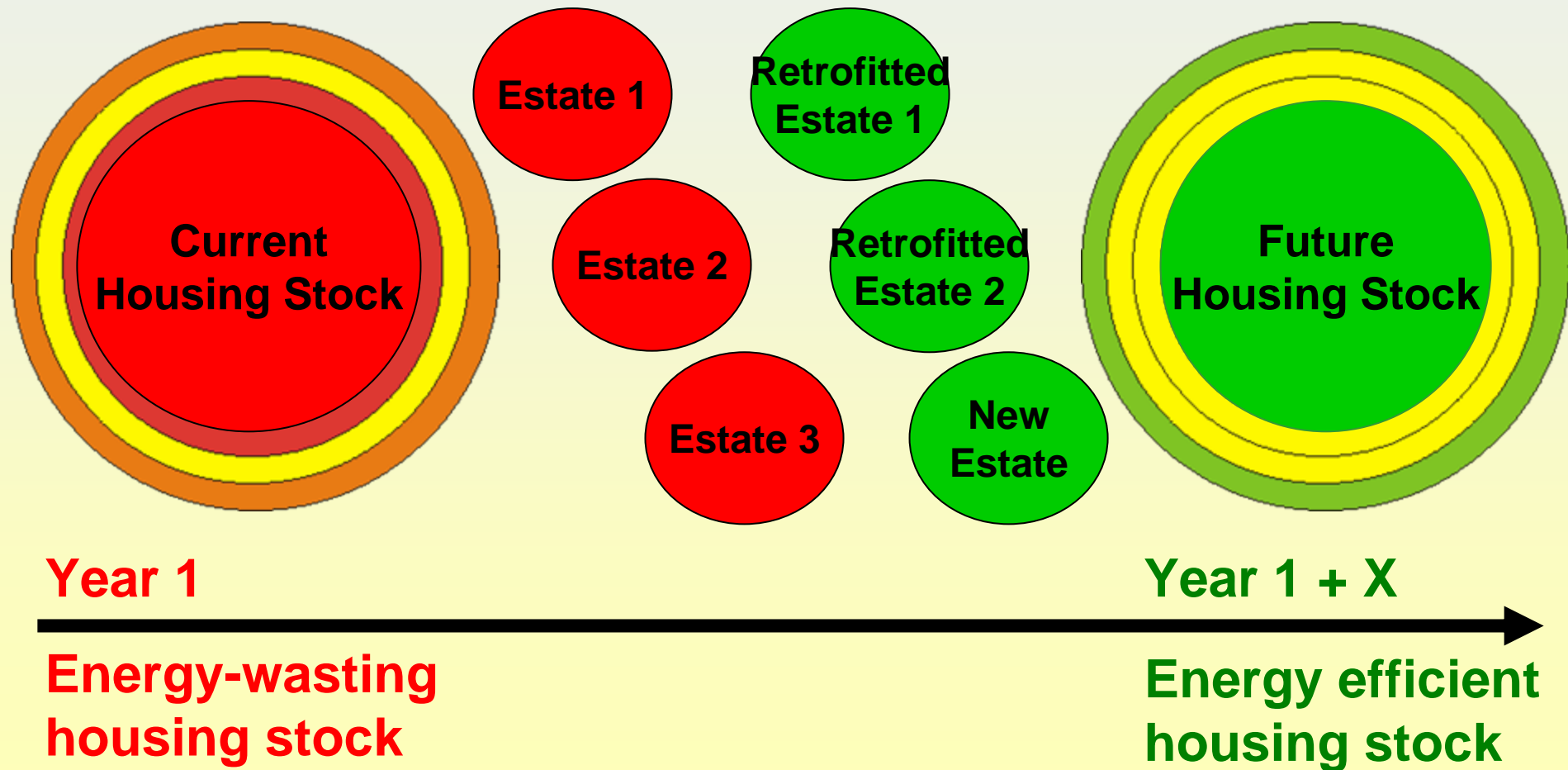


# Increasing the global energy performance of the social housing stock

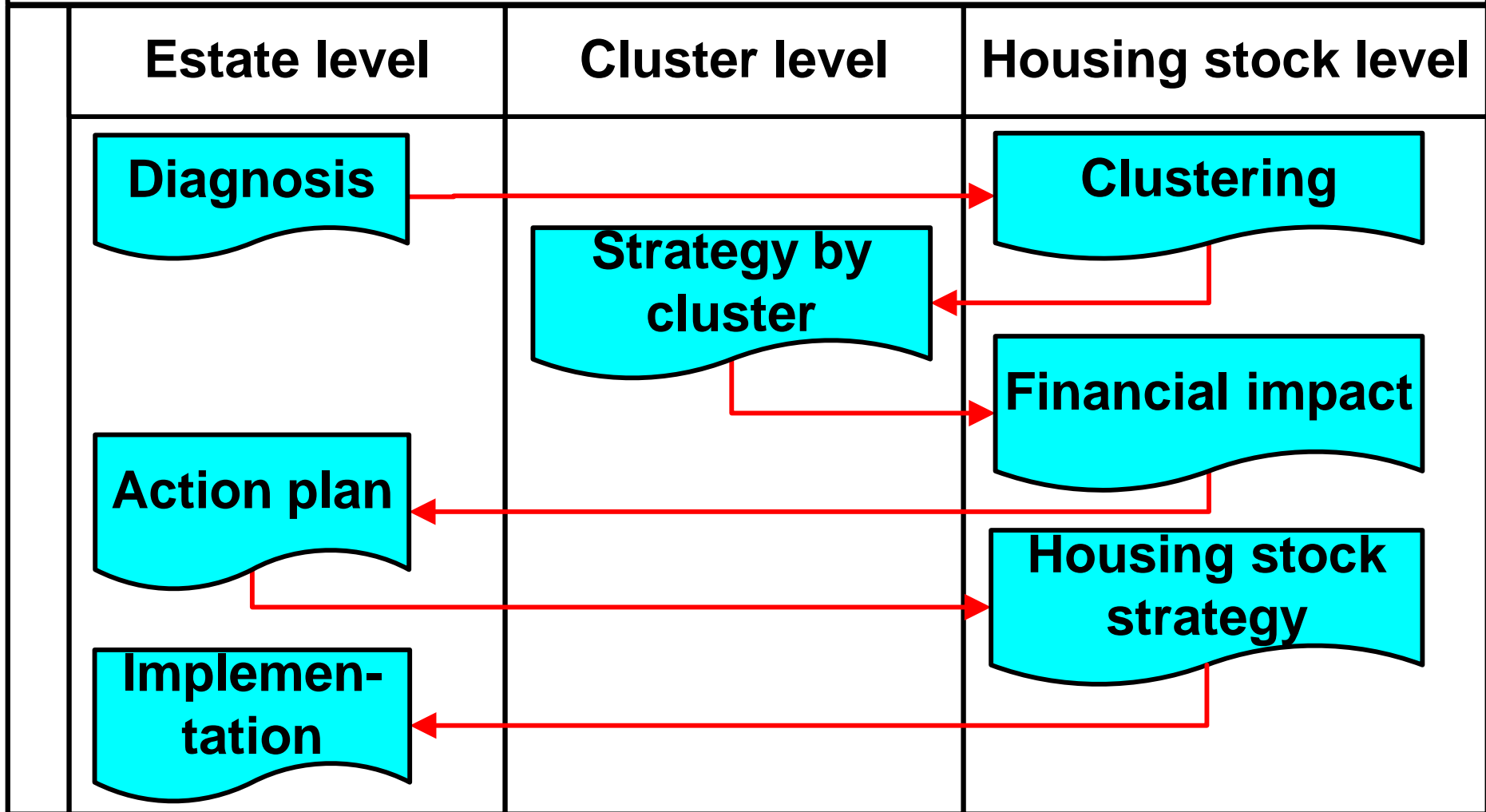
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- **Make the constraint of Energy Performance Diagnosis an opportunity**
- **Focus on the existing housing stock**
- **Integrate energy into strategic decision-making process**
- ➔ **From Strategic Asset Management (SAM) to Energy Strategic Asset Management (ESAM)**

# Increasing the energy performance of the housing stock



# Strategic Asset Management : 7 steps from the diagnosis to implementation





# Energy Strategic Asset Management

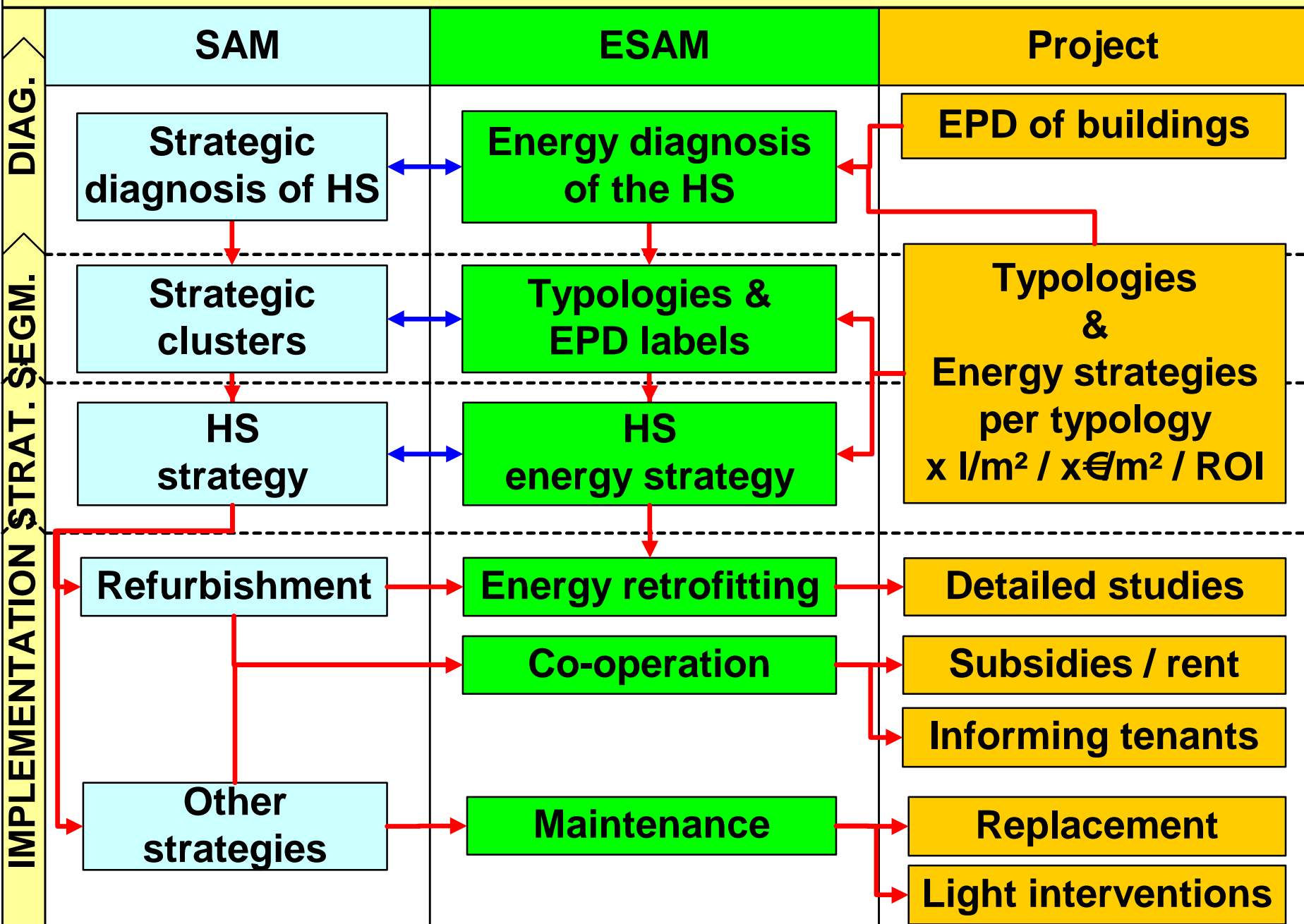
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- 1. Simplified diagnosis of the energy performance of the housing stock**
- 2. Link this diagnosis to the strategic diagnosis of the housing stock**
- 3. Long term strategies integrating the improvement of energy performance**

# Using building typologies

- Simplify the energy diagnosis of the housing stock
- Define standard energy saving strategies for each typologies:  $x \text{ l/m}^2 = x \text{ €/m}^2 = x \text{ years of payback}$
- ➔ Identify the cheapest energy saving measures
- ➔ Definition of long-term energy strategies:
  - Impact on the energy performance of the housing
  - Estimation of costs

# (Energy) Strategic Asset Management





# Expected outcomes

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- **Accountability on environmental performance of the housing stock**
  - ➔ **Measurement is the first step to improvement!**
- **Identify the most energy-efficient investments**
  - ➔ **Better funding of projects**
- **Integrating energy in the housing stock strategy**
  - ➔ **Make energy performance a concrete objective for social housing operators**





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# Thank you for your attention

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