

Jeju Environmental Forum

Circular Economy in Cities

Why Circular Economy?

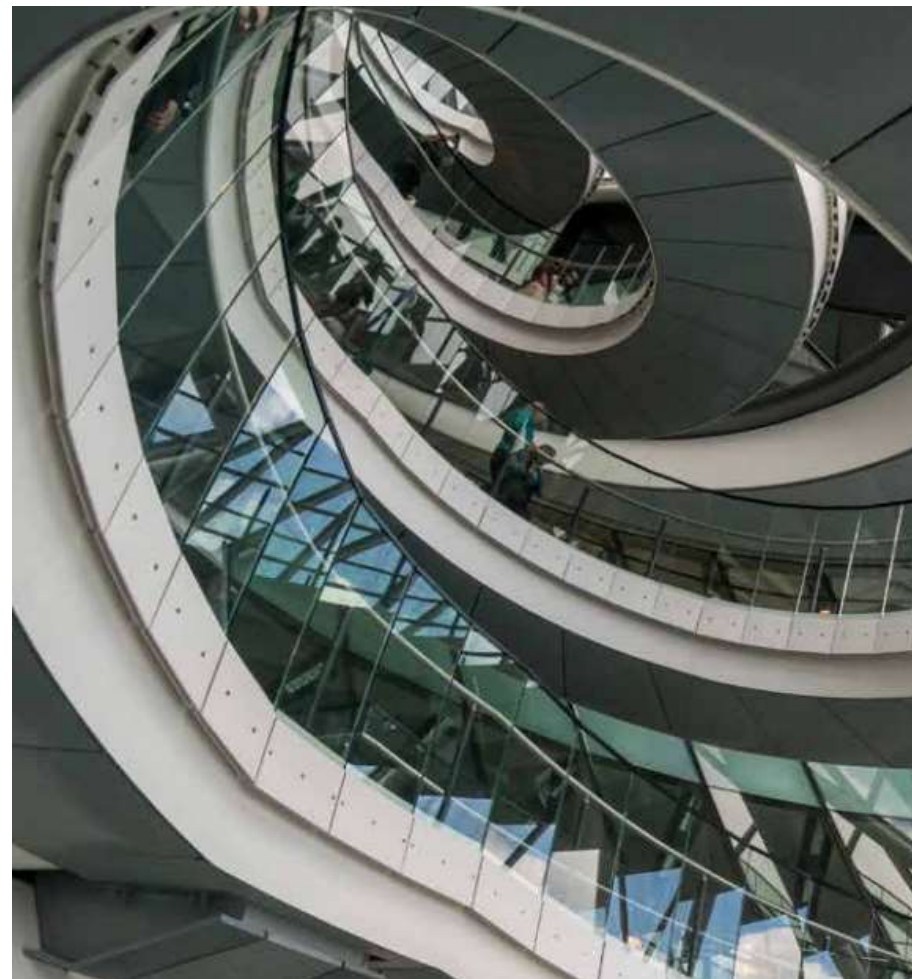
- Our economic model is in need of a new direction
- Fundamental redesign of business and our end-to-end value chains
- Society needs to play an active role
- What is the Future of Korea?
- Creating new business, jobs and better utilisation of our limited natural resources

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Why Circular cities?

- Can cities achieve continued prosperity whilst preserving and reducing their demands on natural resources?
 - Why is change in cities needed?
 - **Reduce, Reuse, Recycle**
 - The potential of public procurement in mitigating environmental impact
 - How can cities stimulate public engagement using circular economy
 - Why will this be relevant for the private sector?





Urban Food from Residual Heat

Modular fish farm and green house that can fit in everywhere

Lets BUILDING CIRCULAR

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Construction and demolition accounts for around 30 % of the waste generated in the EU, and most of the value of building materials is lost after demolition. This presents enormous potential and opportunities for innovation.

The case for building circular is clear-cut. The market is growing and the savings that can be achieved are promising. The European market alone is estimated to amount to as much as EUR 440 billion for more sustainable building materials.

The circular economy potential for the construction and real estate sector in Denmark has been estimated to amount to EUR 850-1200 million in 2035 based on three circular economy opportunities: industrialised production and 3D printing of building modules; reuse and high-value recycling of components and materials; sharing and multi-purposing of buildings



Low Carbon Metro Station

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Comments and Discussion

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Thank you for your attention and input

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