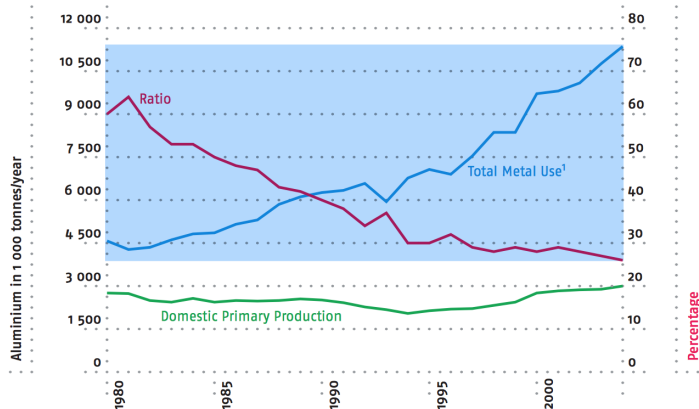


Proposal for **greatest recyclable material** made facade

Recycling is a major consideration in continued aluminium use, representing one of the key attributes of this ubiquitous metal, with far-reaching economic, ecological and social implications. More than half of all the aluminium currently produced in the European Union (EU-25) originates from recycled raw materials and that trend is on the increase



1 Includes domestic metal production (primary and recycled) and net-metal imports.
2 1980 to 1999: EU-15; since 2000: EU-25

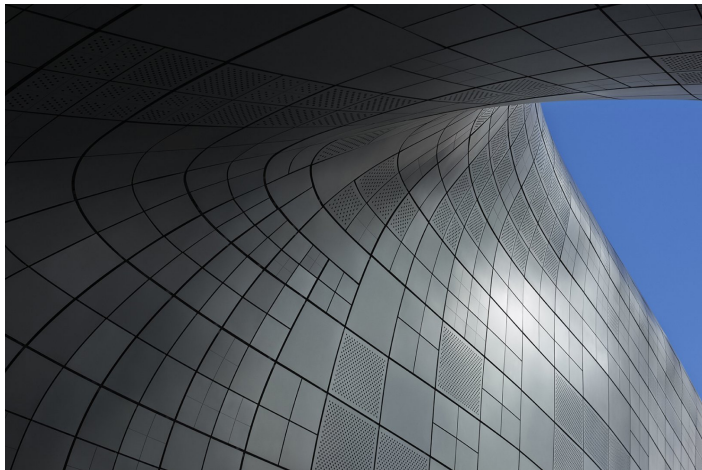


Only **5%** of the **energy** required to produce the primary metal initially is needed in the **recycling process**

Total loss in the **re-melting** is less than **3%**

About 75% of Aluminum ever produced is **still in use**

Ratio: Primary Production / Total Use in the EU



My proposal includes the use of an array of aluminum extrusion profiles, aligned in a square. Each extrusion includes three identical profiles within (as shown in the model) and is expandable according to the space's use.

