The Future of Elevators in the Smart City

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World Population – Total and Urban

Source: UN
2005, Election of the Pope
2013, Election of the Pope
Memory: 64kByte
Frequency 0.043MHz
Memory: 128GByte (x 2M)
Frequency 1,4GHz ( x 32.000)
2.5 quintillion bytes of data is produced every day (2,500,000,000,000,000,000 bytes)
The Britannica Encyclopedia can be stored in 1GB (1,000,000,000 bytes)

90% of the total data existing in the world was produced in the last 2 years, 99% in the last 10 years.
Every day, a “new” Manhattan is built
China’s built assets grew of 33$ trillions in 2000 - 2015
FIGURE 1: STOCK OF BUILT ASSETS, 2014, US$
FIGURE 2: BUILT ASSETS PER CAPITA, US$

SOURCE: PENN WORLD TABLES, IMF, WORLD BANK WDI, NATIONAL STATISTICAL AGENCIES, CEBR ANALYSIS

Source: Arcadis
In the early 1880s, the elevator meets the steel frame, able to support the newly discovered territories without itself taking up space. Through the mutual reinforcement of these two breakthroughs, any given site can now be multiplied at infinitum to produce the proliferation of floor space called Skyscraper.

Koolhaas Rem, Delirious New York: a retroactive manifesto for Manhattan, 1978
ATTENZIONE

- PRIMA DI USARE L'ASCENSORRE ACCERTARSI CHE NELLO STABILE CI SIA SEMPRE QUALCUNO IN GRADO DI PRESTARE SOCCORSO IN CASO DI GUASTO ALL'IMPIANTO.
Thank You!