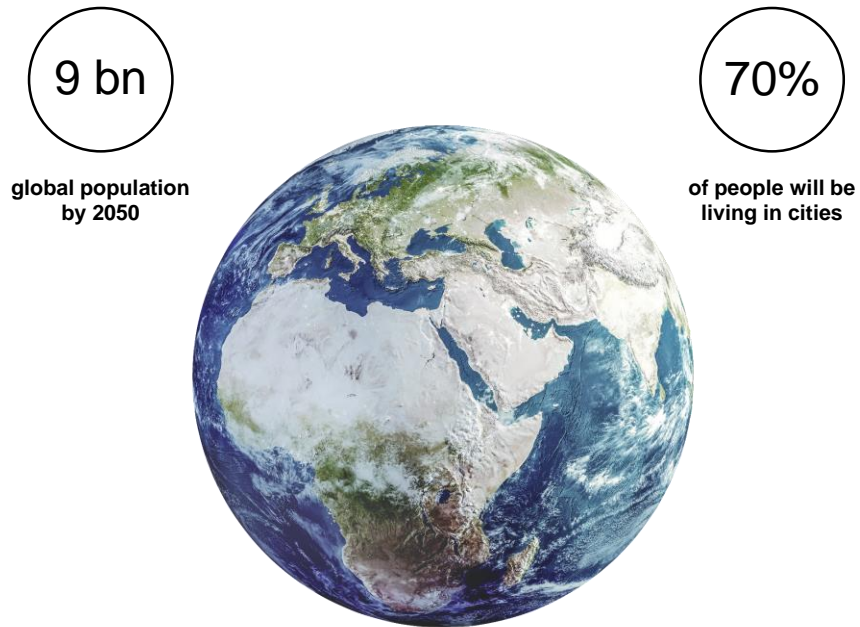


Amazon e dintorni

by Marco Mazzarino, Università IUAV di Venezia

10 dicembre 2020

Drivers: global population trends – «city is the future»



Drivers: e-commerce



Home deliveries: the stone age



My grandma



- Then, assortments and variety came! Oh, what a pleasure!



- And, ehmm,... please do it yourself



Home deliveries: return to the past

- from deliveries «to» home to deliveries «from» home
- Differences:
 - Everything!
 - Fast!

The future

- Beyond home «deliveries»: we organize your life



**Costs: ok, let's give logistics
away**





Logistics service: I need a candlestick and I need it now!



Last-mile logistics: the «traditional» model – shipment sizes, customers, vehicles



Fine, there we go..!



Very last-mile logistics: new network design and urban impact – smaller UDCs



- Lockers: to deal with failed deliveries and to increase logistics efficiency – you find grocery, consumer goods, etc. then? A shop/general store??
- Trends towards reuse of brownfields in cities

Digital (bits) vs. physical (bricks): asset-light strategies? Ummm...



- Impact on cities:
 - more traffic (vans, etc.)
 - more parking spaces
 - more urban hubs
 - more rubbish
 - Overall: the “origin” of last mile is moving closer and closer to cities and our homes



The way ahead: looking for solutions..

- Architectural models:
 - multi-storey;
 - underground caverns (eg, near Heathrow) – mining areas (why not?);
 - underground railway (eg, Paddington to Whitechapel, previously Royal Mail) – tunnel passing under some of the busiest districts (Oxford St., West End, City) – capacity: 16,000 deliveries/hour

«If you can get it right in London, you can get it right anywhere» (Sinatra, F...ehm, P. Harris, UPS executive)

- <https://edition.cnn.com/videos/architecture/2016/11/15/postal-museum-underground-railway-style.cnn>



Learning opportunities: Professional Master programme

- (<http://www.masterlogistica.it>) (<https://www.youtube.com/playlist?list=PLu-5pvpSNKkBLTXyULg2GccqfoX1ueGBx>)

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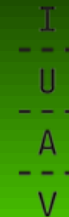
Perchè?

- La logistica ed il SC al centro del mondo che cambia (innovazione)
- Mancano figure professionali – gap nel mercato del lavoro (6:1, tendente a 9:1)
- La “scuola” ed il lavoro non si parlano

La «scuola» ed il mondo del lavoro non si parlano???



- Some distinctive features:
 - Co-design
 - Board
 - Mixed Faculty
 - Week-end formula



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Alliance for
Logistics Innovation
through Collaboration
in Europe



Electrolux



Other partnerships (sample)



- Regione del Veneto
- Autorità Portuale di Trieste
- De Bortoli
- Tecnica Group
- DAB Pumps
- FriullIntagli
- PTV Group
- TICONRACT
- De'Longhi
- COIN-Oviesse
- Gruppo Codognotto
- Moscot
- P&G
- Wartsila
- DHL



The Board

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