

Healthcare data in managing clinical care and public health; visions and practicalities

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JASPERS assistance





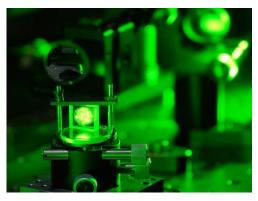
1.Energy and Solid Waste



2.Rail, Air and Maritime



3.Roads



4.Smart Development

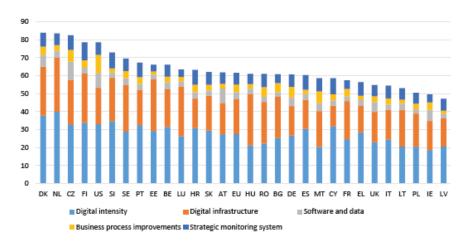


5.Water and Wastewater

US, UE, Slovakia



EIBIS Digitalisation Index

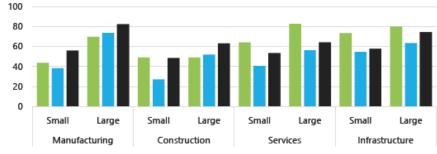


90 80 70 60 50 40 30 20 10 n DK NL CZ FI US SL SE PT EE BE LU HR SK AT EU HU RO BG DE ES MT FR EL UK IT LT PL IE LV CY Frontrunners Strong Moderate Modest

Digital adoption rates (in % of all firms), by sector 100 80 60 40 20 0 US SK EU SK EU US SK EU US SK EU US Manufacturing Construction Services Infrastructure Partially Digital Fully Digital

Digital adoption (in % of all firms), by firm size and sector

EIBIS Digitalisation Index

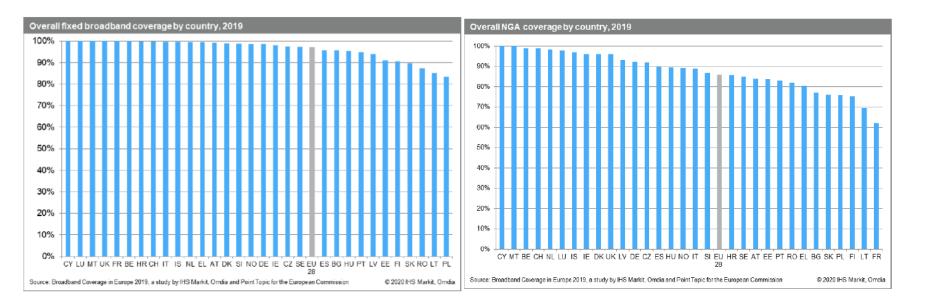


SK EU US



Broadband Coverage in Europe 2019

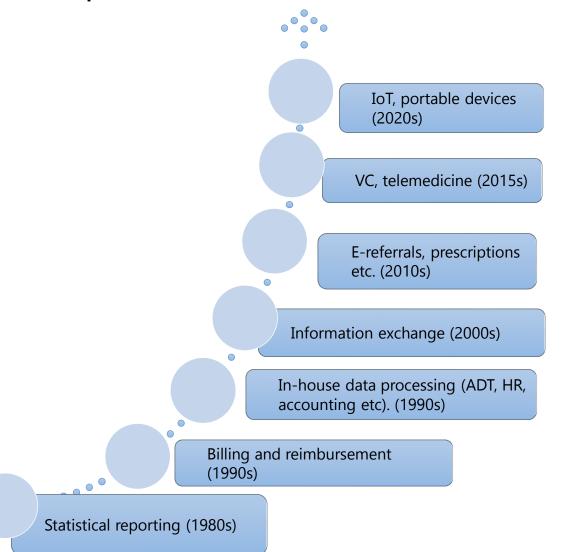
Mapping progress towards the coverage objectives of the Digital Agenda



The NGA combination category is comprised of VDSL (including VDSL 2 Vectoring), FTTP, and cable modem DOCSIS 3.0 (including DOCSIS 3.1) technologies, all typically capable of delivering a service speed of at least 30 Mbps (although VDSL local loop lengths mean that actual speeds do vary⁶). The main objective of the Digital Agenda for Europe is to have complete coverage of European households at this speed by 2020. The analysis of the combination category therefore constitutes an evaluation of the rollout of the relevant technologies and progress towards this goal.

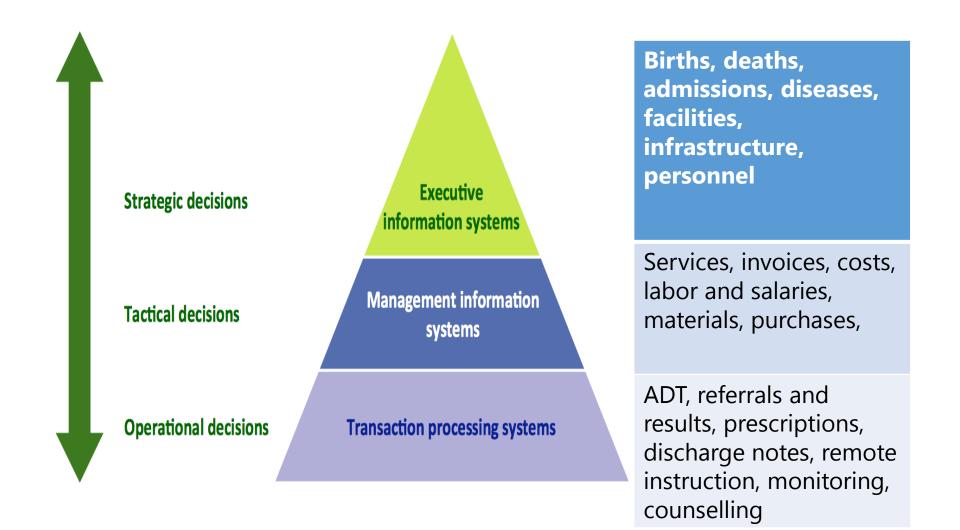


Gradual development of IT



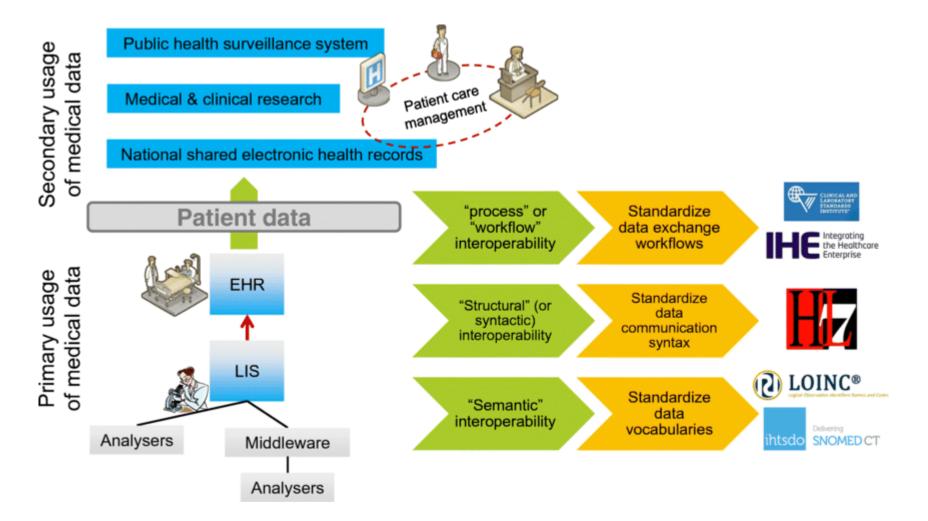
Pyramid built from the top to bottom





Need for standards

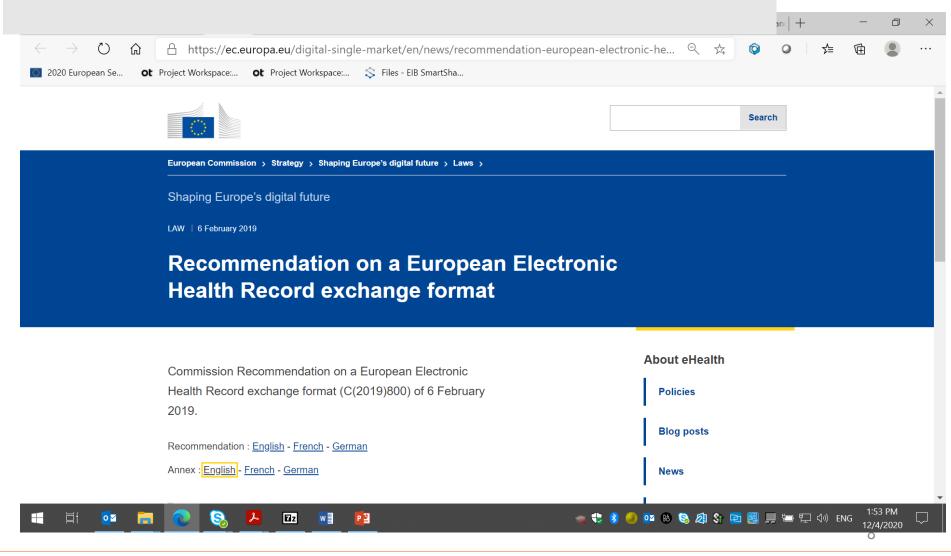




Gansel, Xavier & Mélissa, Mary & van Belkum, Alex. (2019). Semantic data interoperability, digital medicine, and e-health in infectious disease management: a review. European Journal of Clinical Microbiology. 10.1007/s10096-019-03501-6.

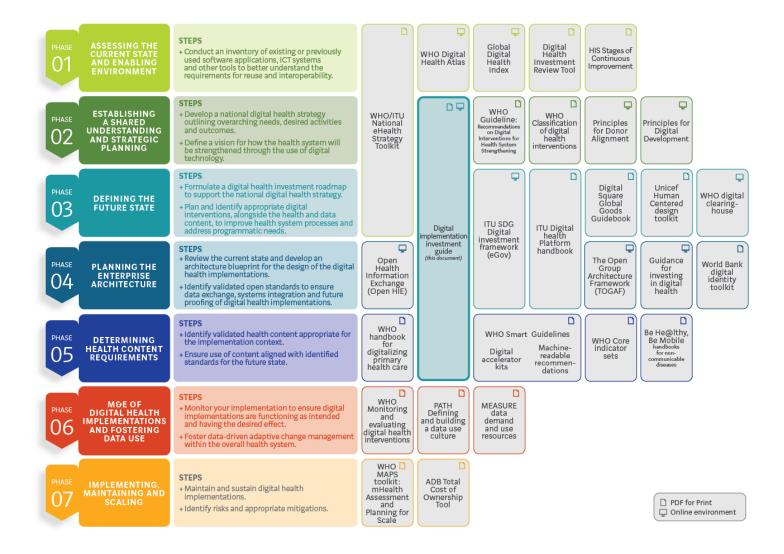
EC interoperability initiatives





Good practice in digital transformation







More information: <u>http://jaspers.eib.org/</u>

