

“Behind the use cases: *Dad I want a Pony*”

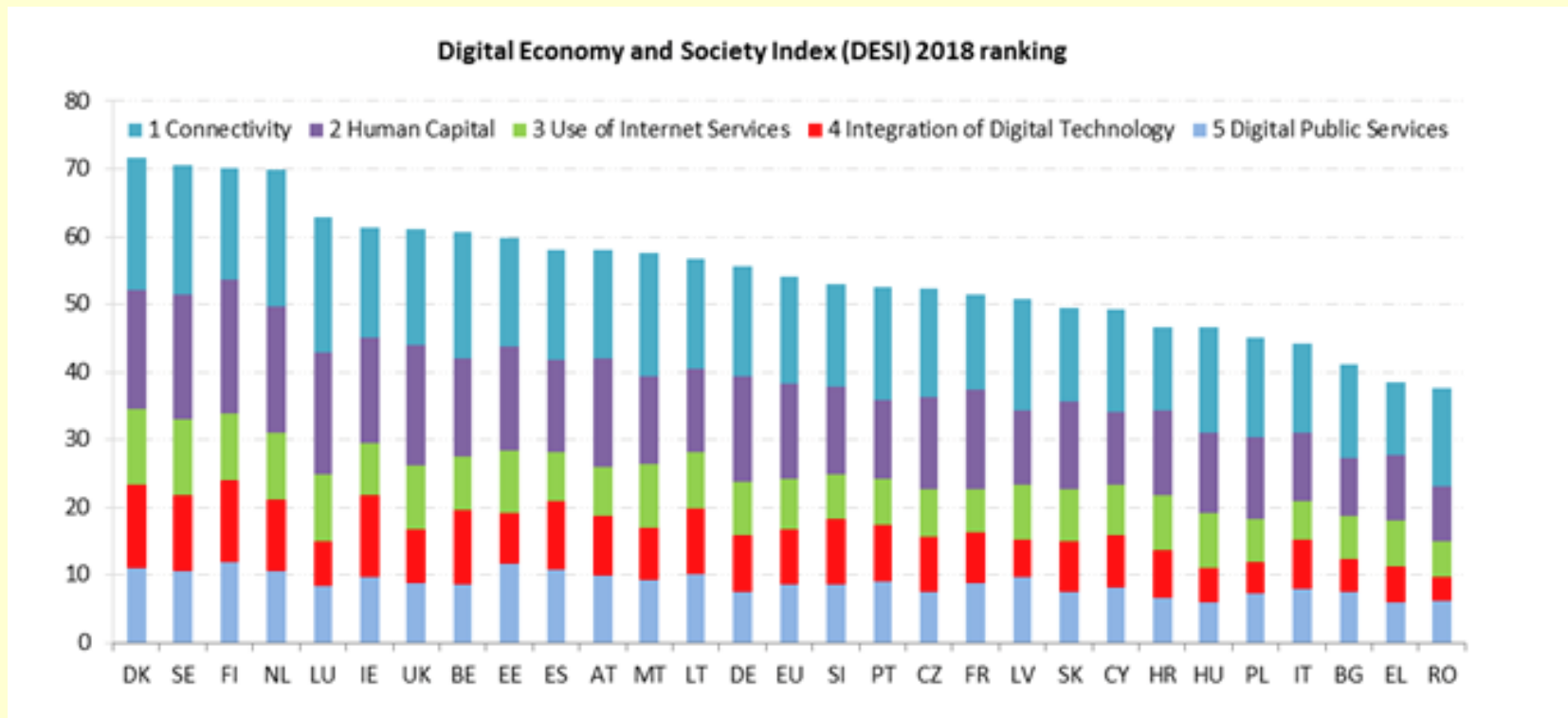
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Here we are in 2018



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- - 4G national rollout is still ahead of us in many countries (eg. UK)
- - Rapidly increasing individual data usage, lack of structured data, currently fragmented, non standardized contents
- - 5G definition by 3GPP December 2017,
- - Still need to define and approve worldwide standards of 5G network radio components and the end user device specifications
- - Commission recent Study on Fixed and Mobile Convergence in Europe – Quality Measurements for 5G and Network Densification

Development directions

- Frequency availability for all parties interested
- Broadband infrastructure continuous developments – fiber to everywhere?
- When is Broadband going to be a utility?
- Nearly 100% Stable networks all around the world?

36 European countries



Netherlands

(42,1 Mbps)

2

Norway

(41,2 Mbps)

3

Hungary

(39,2 Mbps)

Mobility is reshaping the world

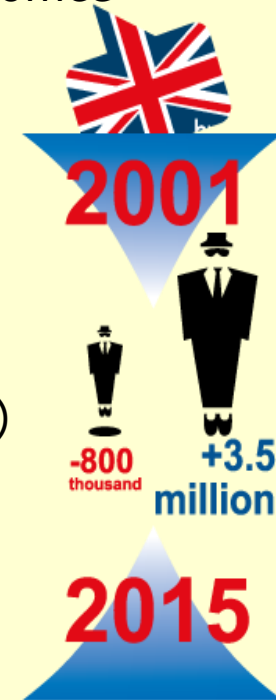
Prompt/real time interactions, redundant secure cloud services, cutting edge technology to protect/utilize personal data – blockchain?



Use cases are the future business cases? Focus areas for 5G

- Reshaping current ways of daily work flow management/office setups – people are mobile and flexible (atypical work management and structures)
- Health and Lifestyle (e-medical prescription, remote diagnostics, remote surgery, 24h online services, ...)
- Security (cybersecurity, smart living)
- Industry/agriculture (smart factories, production activity)
- Entertainment services (VR, Streaming, 8K)

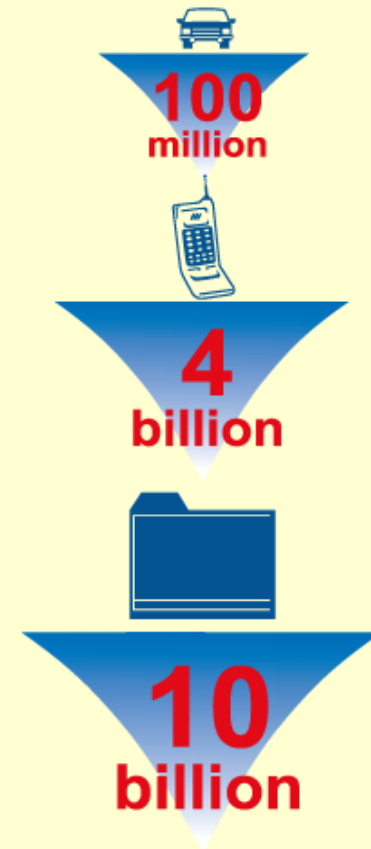
and last but not least: Public Services



Could I have the Pony?

Are we all going to be satisfied and content when 5G will be a general part of our lives?

or.....





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Thank you!

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