

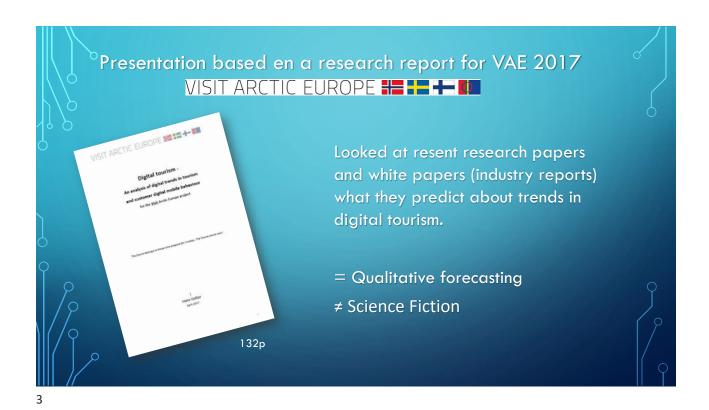
Visit Arctic Europé – Stronger together, Rovaniemi 21-22/11 2017

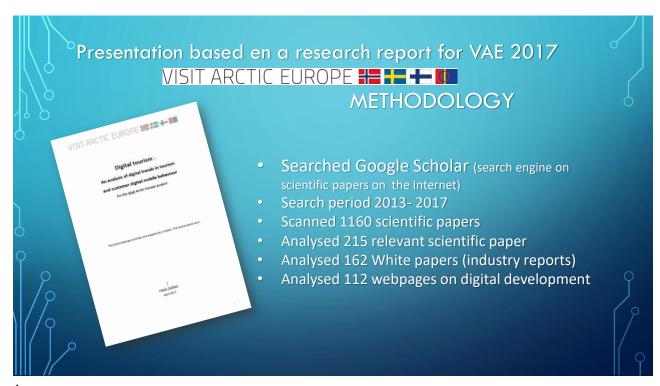
The Future belongs to those who prepare for it today!

The Future starts now!

VISIT ARCTIC EUROPE

Northern Norway Tourist Board









PRESENTATION AGENDA

- 1. Background and megatrends
- 2. Technological evolution
- 3. Tourist digital mobile behavior
- 4. Challenges for tourism companies
- 5. Challenges for destinations
- 6. Destinations of the future smart destinations

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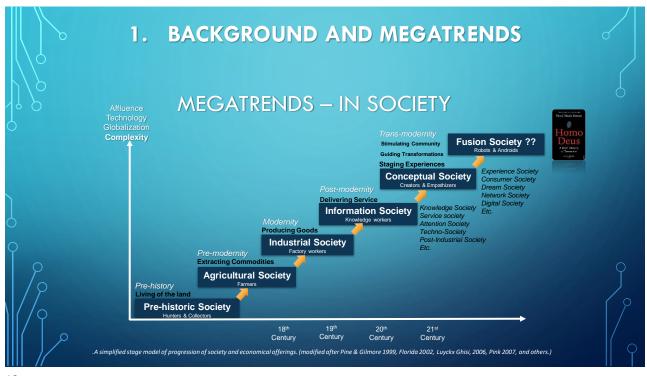
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1. BACKGROUND AND MEGATRENDS

- Disruptive megatrends in society are changing way of living and doing business
- Every industry sector is currently undergoing a Paradigm shift towards digitalization (e-business, e-commerce, e-payment, e-tourism and e-traveler, digital generations) = <u>Digital transformation</u>
- We are entering industry revolution 3.0

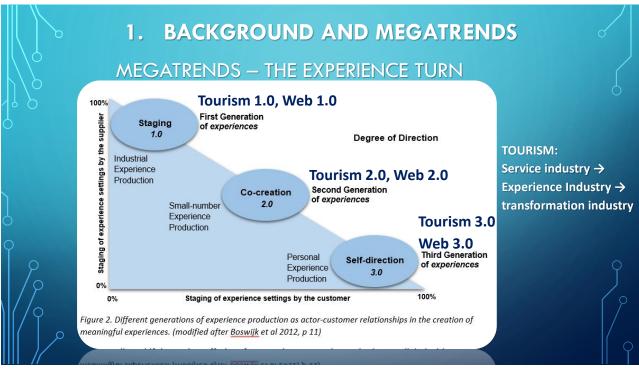
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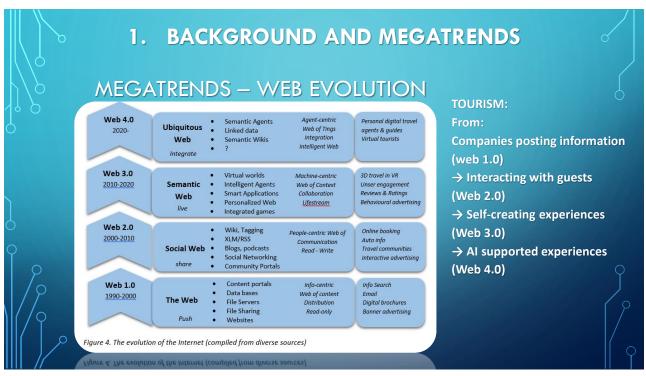


1. BACKGROUND AND MEGATRENDS

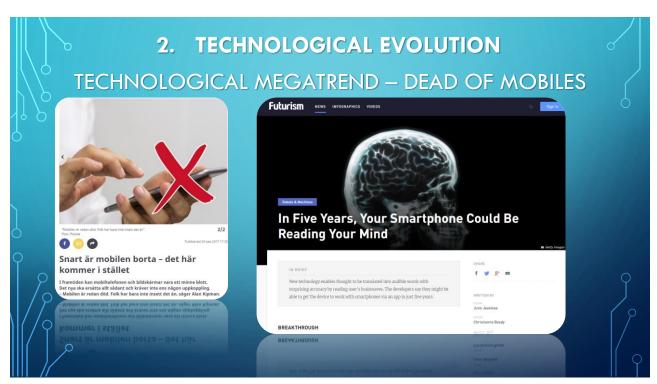
- Digital Information technology has played a fundamental
- role in the development and growth of the tourism industry,
 and as an important tool for travellers and tourism suppliers.
- Megatrends in digital transformation will now <u>strongly influence</u> tourist behaviors and the tourism industry.

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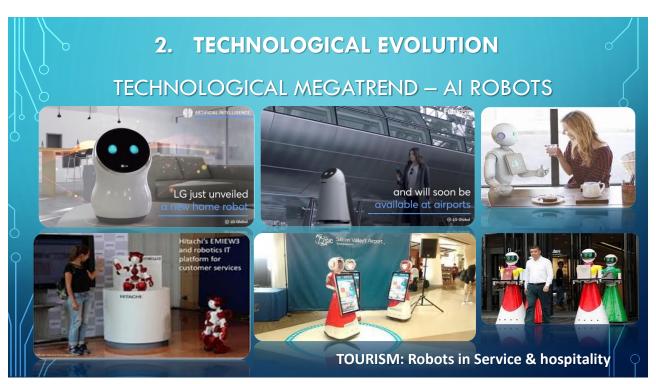




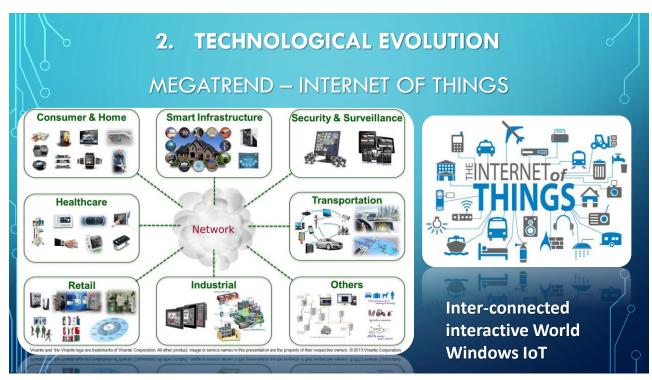


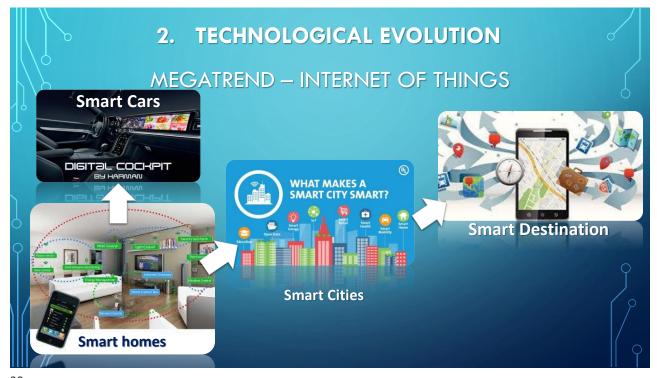


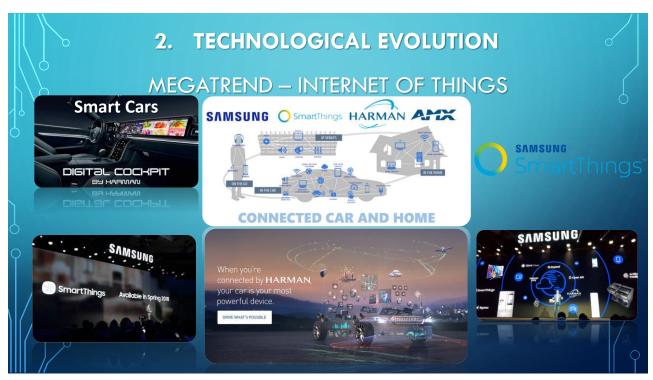


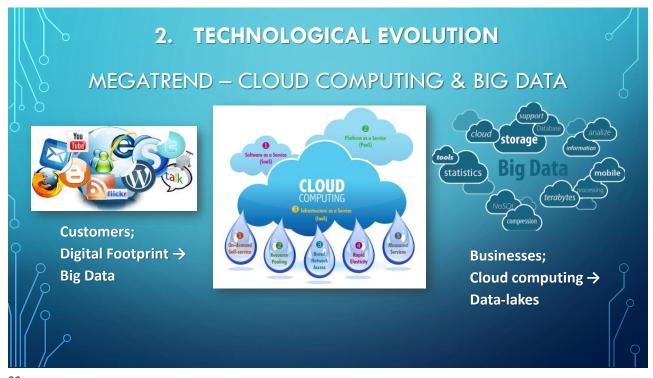


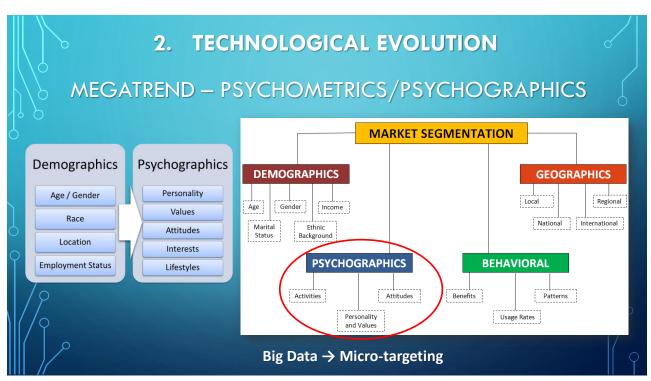
















2. TECHNOLOGICAL EVOLUTION

PSYCHOMETRICS MICRO-TARGETING MARKETING

Big Data Back-Slash

Cambridge

Facebook – Cambridge Analytica scandal:

- Cambridge Analytica collected data from 50 million US FB-users to influence Donald Trump election by micro-targeting
- •Data collection 2014 by FB personal test –app "thisisyourdigitallife" by US psychologist Alexandr Kogan
- •270 000 did the test and got money as compensation, but by FB sharing of this test, data from 50 million were collected
- Data sold to Cambridge Analytica who made micro-targeting for the Trump campaign
- •Cambridge Analytica also involved in other democratic elections
- FB CEO Mark Zuckerberg hearing at the US congress





2. TECHNOLOGICAL EVOLUTION

DON'T BE:

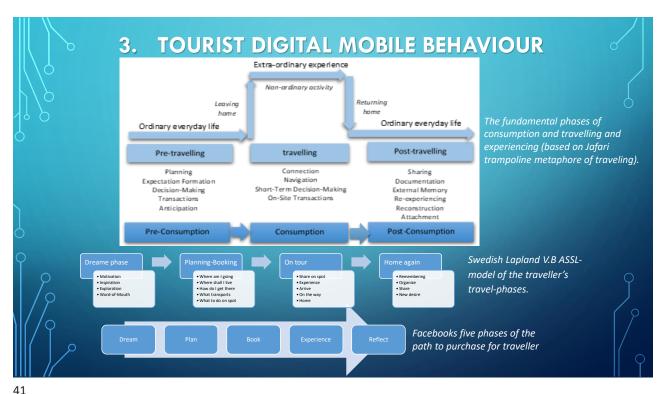
- Scared by the technology (almost Science Fiction) be curious!
- **Skeptical** otherwise you will be overstepped by those adapting
- Embrace the development and do your best of it!

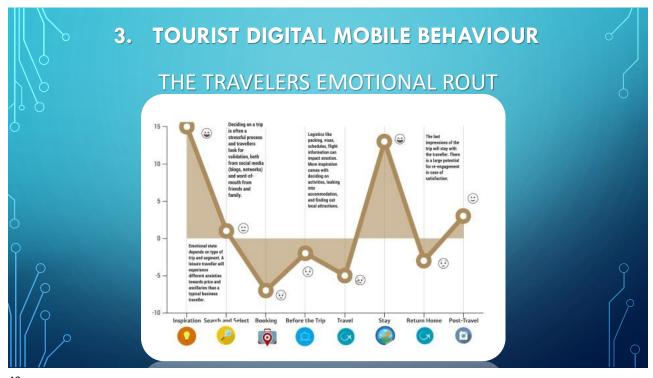
"The best way to predict the future is to invent it" (Alan Kay, Xerox PARC

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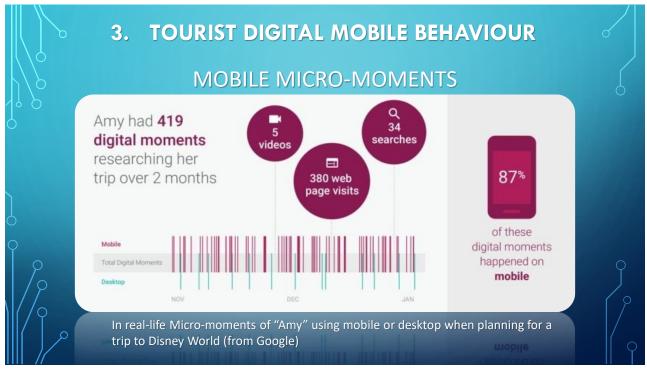
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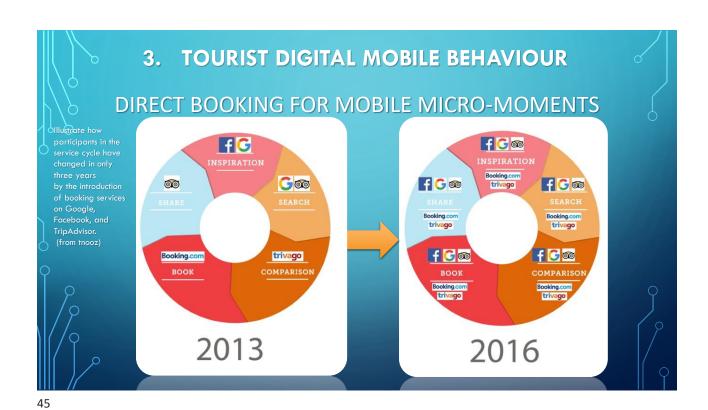
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3. TOURIST DIGITAL MOBILE BEHAVIOUR

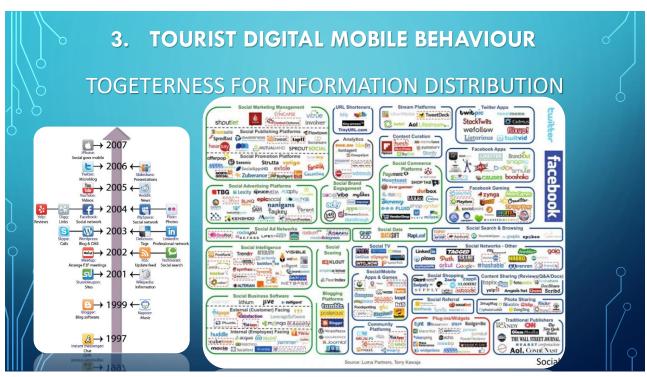
TOGETERNESS FOR INFORMATION DISTRIBUTION

Social media geography

. Social Media Prisma that summarises the social media in 2016 (by ethority Social Media prismot)

summarises the social media in 2016 (by ethority Social Media prismot)

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3. TOURIST DIGITAL MOBILE BEHAVIOUR

THE SMART TOURIST

List of characteristics to better define the technologically savvy tourists:

- Well-connected and well-informed,
- Active critics and buzz marketers,
- Demand highly personalised service,
- Engaged both socially and technologically,
- Dynamically discuss through social media,
- Co-create experience,
- Contribute to content,
- Utilise end-user devices in multiple touch-points.

FIT - Free Independent Tourist/Traveller

Buhalis & Amaranggana, 2013

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3. TOURIST DIGITAL MOBILE BEHAVIOUR

SNAP-SHORTS OF TOURIST DIGITAL BEHAVIOUR

- Importance of understanding Traveller's road to decision
- Micro-moments in travel
- Cross-device movements
- Mobile-in-destination behaviour
- Anywhere-and-anytime availability (7/24)
- Radical self-reliance of modern travellers FIT-boom
- Diversity and complexity of behaviours
- Blurring of on-site and post-travel experience; blogging-on-spot

PRESENTATION AGENDA

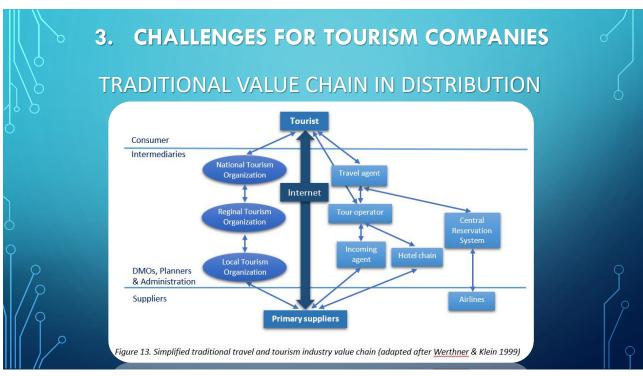
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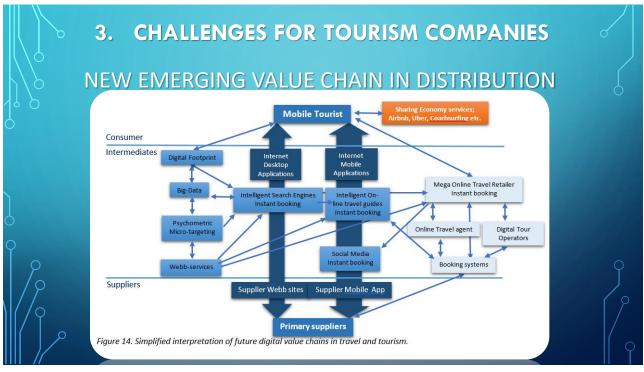
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3. CHALLENGES FOR TOURISM COMPANIES

DIGITAL TRANSFORMATION IN TOURISM COMPANIES

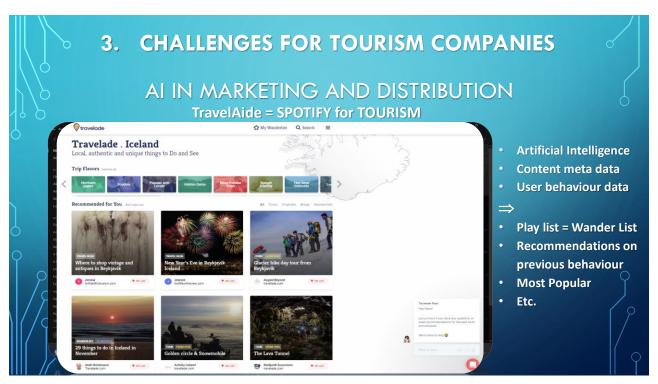
- **Digital organisation & working processes** (business models, book-keeping, production, cloud-computing, IoT, Expert systems, mobile payment, etc.)
- Digital communication multiple platforms (homepage, social media, SMS etc.)
- **Dynamic products** (co-production, self-production)
- Dynamic digital marketing, booking and distribution
- Fierce competition by early adapters (to digital transformation)







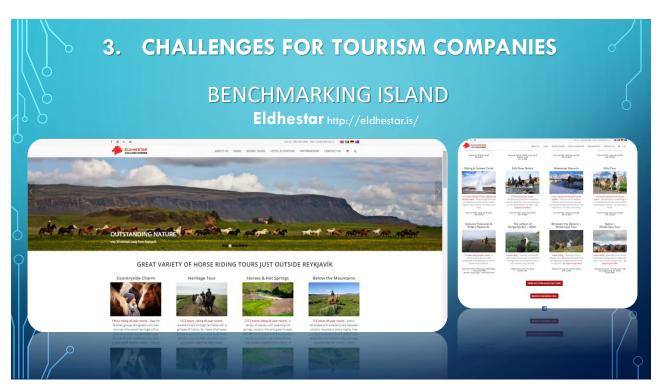






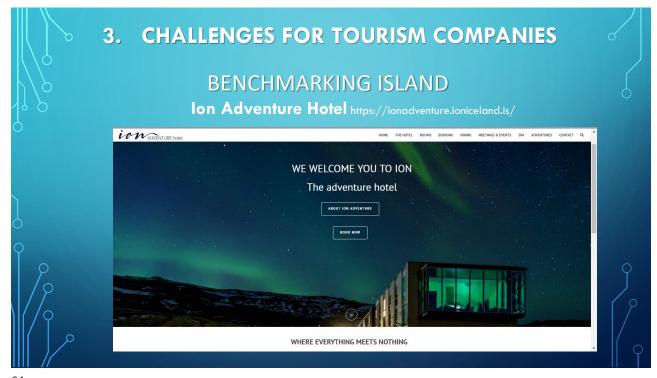












3. CHALLENGES FOR TOURISM COMPANIES

SNAP-SHORTS IN TOURISM BUSINESS CHALLANGES

- Push-marketing → pull-marketing (storytelling)
- Electronic-word-of-mouth (eWoM)
- User-generated content
- Social context mobile marketing (SoCoMo)
- Location-based social Network Marketing
- Real-time-marketing during real-time customer journey
- Infographics instead of text
- Immersive storytelling (360-videos, VR, AR)
- 24/7 digital availability & instant (late moment) booking
- Sharing economy (Uber, FB-groups etc.)

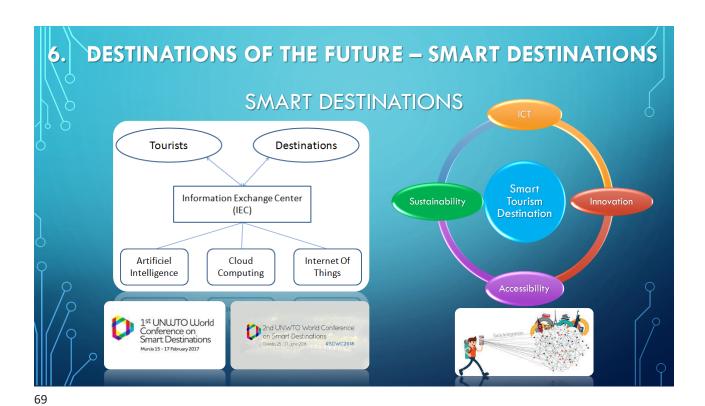
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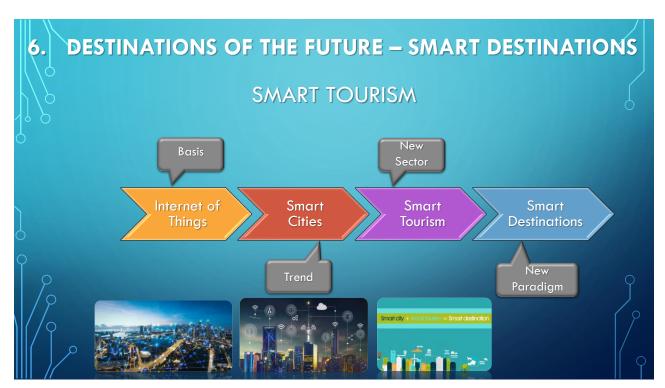
6. DESTINATIONS OF THE FUTURE – SMART DESTINATIONS

SMART TOURISM

Based on cloud systems and IoT, SMART Tourism applies intelligent perception of tourism information, like tourist resources, tourism economy, tourism activities, and tourism participants "to realise the acquisition and adjustment of real-time tourism information through mobile Internet equipment"

SMART Tourism is reliant on four core information and communication technologies: IoT, mobile communication, cloud computing and artificial intelligent technology.

MacKay and Vogt, 2012; ChoandJang, 2008





DESTINATIONS OF THE FUTURE – SMART DESTINATIONS

SMART TOURISM

- Smart tourism tools are a combination of mobile hardware, software and network that enable an interactivity between tourists, stakeholders, and physical objects.
- This **communication** allows tourists access to **personalized services** provided in real-time information.
- The tracking and collection of Data via these systems enables stakeholders to manage destinations effectively and efficiently.

SMART TOURIST
SMART DESTINATION

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6. DESTINATIONS OF THE FUTURE – SMART DESTINATIONS

6 A'S OF A SMART DESTINATION

The 6's of Tourism Destination represent the different areas that can be considered as distinctive parts that form the smart tourism destination:

	Symbol	Reference to 6 A's of tourism destinations (Buhalis, 2000 as cited in Buhalis et al., 2013)		
9	5	Attractions: natural, cultural, etc		Available Packages: Information services, etc
		Accessibility: public transport, airports, etc	₽ 0	Activities
		Amenities: Restaurants, Hotels, etc		Ancillary Services: Hospitals, banks, etc
	200	Amenities: Kestaurants, Hotels, etc		Ancillary Services: Hospitals, banks, etc

DESTINATIONS OF THE FUTURE – SMART DESTINATIONS

CHALLENGES

- The construction of a balanced system of infrastructures, relations and values.
- Any destination can become a Smart Tourism Destination by consisting of and involving the concepts of Soft and Hard SMARTness.
 - Soft SMARTness: collaboration, innovation, leadership (human capital)
 - Hard SMARTness: Technology and infrastructure (Heart of SMARTness)
- This means that destinations cannot simply embed technology into their environment and automatically believe it is smart,
- the Soft aspects refer to the human capital and the *smart* decisions that can be made based on the information gained through technical systems.

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6. DESTINATIONS OF THE FUTURE – SMART DESTINATIONS

SMART DESTINATION ON THE MARKET



AISPOT mobile plattform:

- · Al system for smart destinations,
- developed in Norway

Provide the right information at the right time to tourists by allowing the use of IoT towards tourists,

who will have a **mobile wallet travel assistance** for recommendations, activities, maps, booking and tickets, etc.

https://aispot.no/

