



#### **Tourism Routes**

# Smart Tourism and digital marketing of the future

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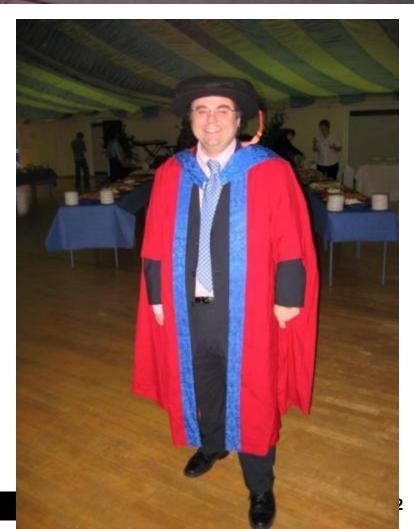


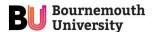
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#### Department of Tourism & Hospitality

We are recognised globally as a leading contributor to knowledge creation and dissemination in tourism and hospitality. A team of 35 academic staff and over 1,000 undergraduate, postgraduate and doctoral students make us one of the biggest and most prolific departments in the world. The combination of staff expertise and enthusiasm, knowledge excellence and cocreation with industry, generate innovation and best professional practice. Our approach is about creating value with everyone we work with, locally and globally, and to share the benefits with society.

Our approach to teaching is to inspire and empower - we want our students to develop their professional skills in a tourism and hospitality context, and to have the confidence to tackle future global challenges. We foster an intellectually challenging but nurturing educational environment, encouraging our students to develop not only professionally, but also personally.

We work closely with key academic and tourism industry professional bodies and associations, including the United Nations World Tourism Organisation (UNWTO), VisitBritain, VisitScotland, VisitWiltshire, Bournemouth Tourism, Merlin Entertainments Resort Theme Parks, TUI, Hilton Hotels, Corinthia Hotels and many others.

We are an Institute of Travel & Tourism Centre of Excellence, while many of our undergraduate and postgraduate degrees are accredited by the UNWTO. Some of our undergraduate degrees are also recognised by the Tourism Management Institute.

We also host the Annual Hospitality Conference in London with speakers from Marriott International, Red Carnation Hotels, the Shangri-La Hotel, the Institute of Hospitality Management, Accor International, InterContinental Hotels and Whitbread Premier Inn.

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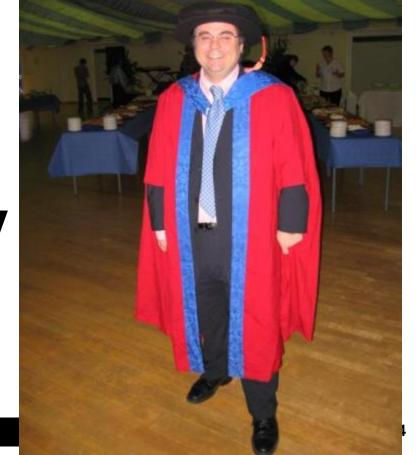
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# Tourism Review

#### **TOURISM REVIEW**

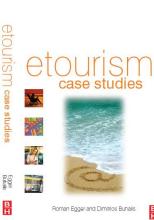
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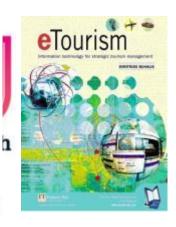
The Editors encourage articles that explore knowledge and theory and provide an innovative a future perspective that adds value to all tourism stakeholders globally.

#### TOURISM REVIEW PUBLISHES THREE TYPES OF PAPERS

- Research Papers (both empirical and conceptual)
- State of the Art papers (synthesis of literature)
- Cutting edge papers (short contemporary topic/ PhD research/emerging topics)

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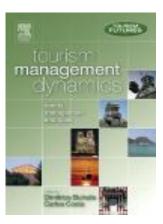


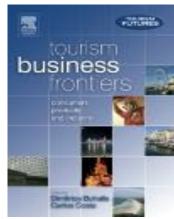


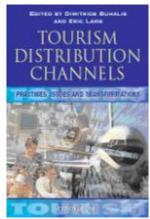


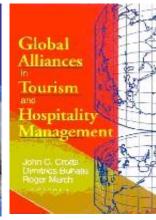




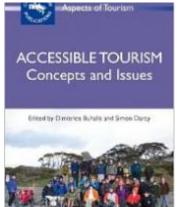


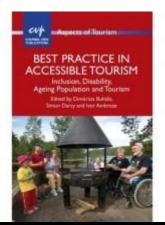


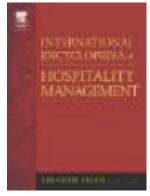










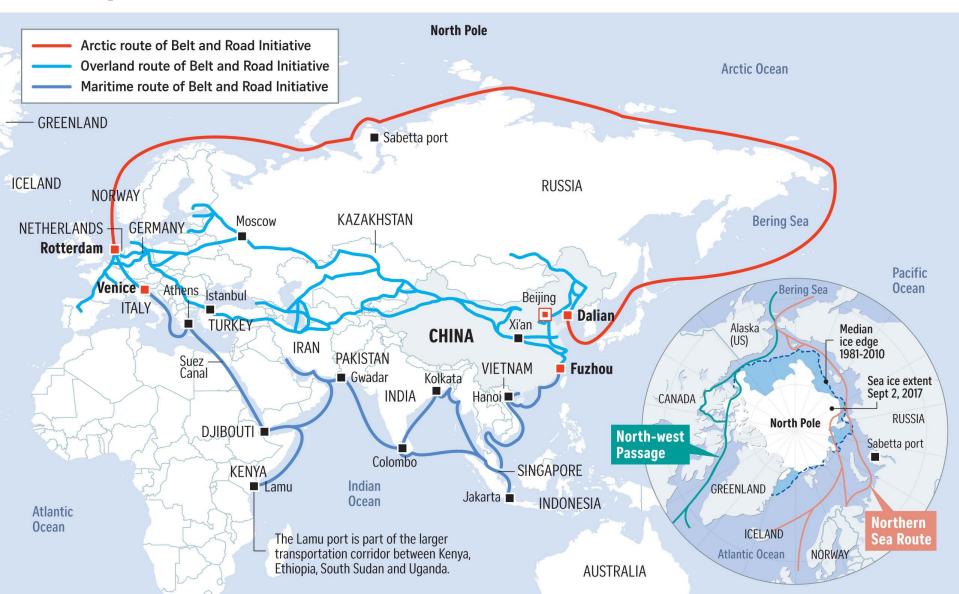








#### China's polar extension to Silk Road



NOTE: September is the end of summer in the North Pole when the frozen lid of sea ice tends to shrink to its smallest. Unlike the Antarctica, there is no land under the frozen Arctic ice.

Sources: CHINA'S NATIONAL DEVELOPMENT AND REFORM COMMISSION, THE ARCTIC INSTITUTE, NATIONAL SNOW AND ICE DATA CENTRE, REUTERS STRAITS TIMES GRAPHICS

#### **Tourism Routes Definitions**

> "Tourism routes are tourist attractions which are interrelated and promoted by a certain theme which enhances their popularity, management and preservation" (Timothy and Boyd 2006; Stoddart and Rogerson 2009).

➤ "Tourism routes can tie up several attractions that would independently not have the potential to entice visitors to spend time and money" (Meyer et al. 2004).

➤ "Tourism routes are tourism products that associate a selected theme with natural and created attractions that can be reached by a variety of means of transport" (Puczko and Ratz 2000).

#### Themes of Tourism Routes

- > Old Trade Roads the Silk Road, the Spice Road
- > Religious pilgrim, cathedrals, churches, etc.
- Cultural including literature, music, arts, crafts, etc.
- ➤ Historical history, architecture, fortresses, etc.
- Culinary local, regional, national food
- > Drinks wine, sherry, whiskey, champagne, etc.
- Nature ecotourism, cycling, bird-watching, soft and hard adventure tourism, etc.
- ➤ Thermalism hot springs

#### Creation of tourism routes: Processes

#### Superstructure Enhancement

Six A's Framework for Analysis of Tourism Destinations: This framework created by Buhalis (2003), includes the superstructure of a destination. Its implementation can help destinations analyse their potential for the creation of tourism routes, start planning their establishment accordingly and enhance their superstructure.

#### The 6 A's framework for destinations and routes:

- Attractions (natural, man-made, artificial, purpose-built, heritage, special events)
- Activities (all activities available at the destination and what consumers do when visit)
- Accessibility (entire transportation system comprising routes, terminals, vehicles)
- Amenities (accommodation and catering facilities, retailing, other tourist services)
- Available packages (pre-arranged packages by intermediaries and principals)
- Ancillary services (services used by tourists such as banks, telecommunications, post, newsagents, hospitals, etc.)

#### **Examples of Tourism Routes**

Figure 1: Horizontal and Vertical Integration among Destinations of a Tourism Route







## NEW REALITIES IN **TOURISM NEED** INNOVATIVE **STRATEGIES**

#### An Increasing Number of Connected And Sophisticated Devices Will Become Available





#### We Are Facing A Digital Revolution That Will Radically Change Industries









#### NON Smart Traveller

- Confused
- Unfamiliar environment
- Barriers such as language or mobility needs

#### **Smart Traveller**

- Personalised & contextualised services
- Engage & explore
- Authentic & immersive experience
- All stages of travel



- User Generated Content
- Influence brand reputation
- Impacts destination
- World of Mouth



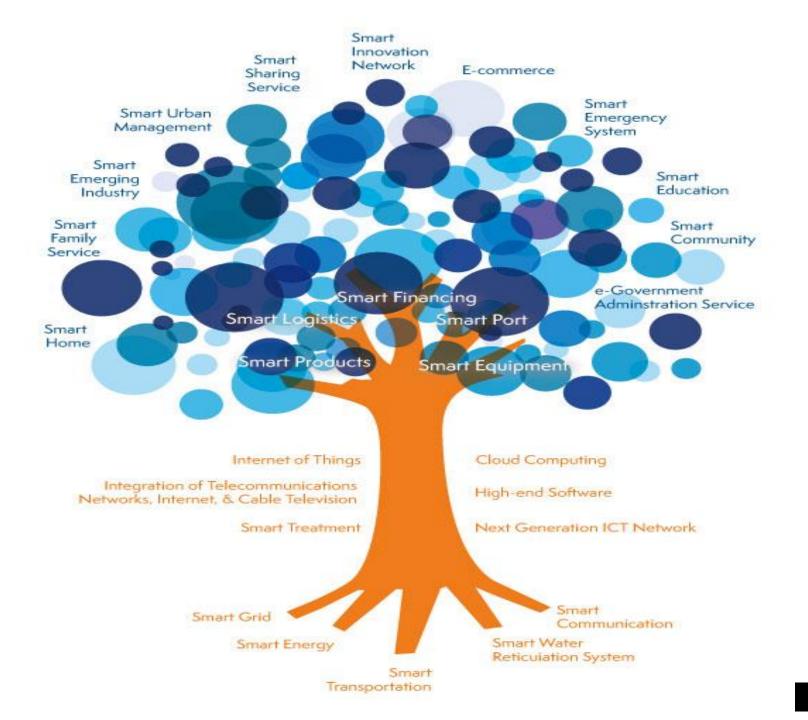


#### **SMART NESS**

Smartness takes advantage of interconnectivity and interoperability of integrated technologies to reengineer processes and data in order to produce innovative services, products and procedures towards maximising value for all stakeholders.

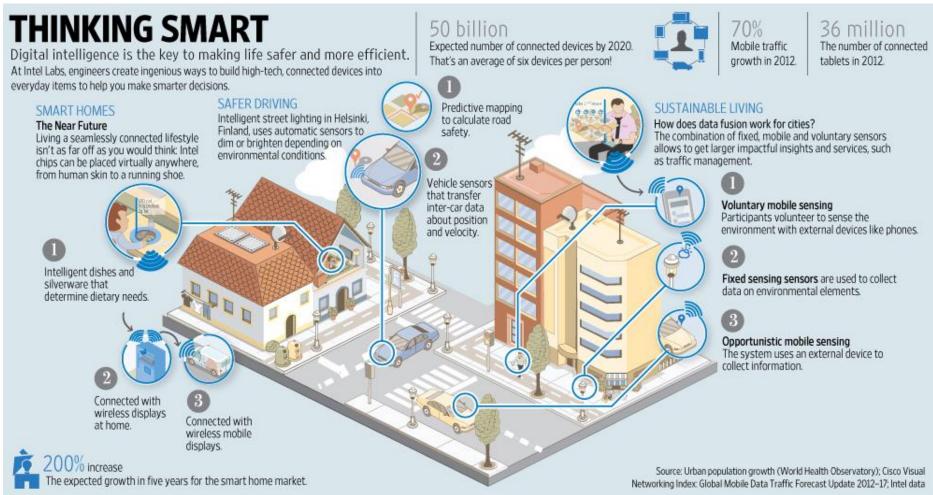
This reengineering enables shaping products, actions, processes and services in real-time, by engaging different stakeholders simultaneously to optimise the collective performance and competitiveness and generate agile solutions and value for all involved in the value system.

Smartness is the glue of interoperable, interconnected and mutually beneficial systems and stakeholders and provides the infostructure for the value creation for all.





# Thinking smart for life - SENSORS



#### Your wearable technology map

#### amadeus

#### Where can we wear technology and what can it do?

#### Opportunities for the travel industry

Jawbone UP24

Wearable technologies open up the opportunity for travel businesses to expand and redefine their propositions. From developing bespoke wearable technologies themselves, to developing applications or services based on those that already exist. Explore the technologies below and think about how wearables could change your future.

#### Alert Head **Understand** Body Back 3L Labs Footlogger 9Solutions IPCS Products LG Lifeband Plus Agent Smartwatch Adidas Smart Run Lumo Air Scouter Air Scouter Mistfit Shine Atheer One Amiigo Fitness Band Motorola Motoracty Apple Watch Apple Watch Nike Fuelhand SF BIA Sports Watch Nike+ Sportswatch GPS Connectedevice Cogito Watch Atlas Fitness Tracker Pebble Steel Smartwatch Connectedevice Cookoo Wrist Samsung Gear Elocator Checkpoint 0 BIA Sports Watch Smart Q Zwatch Filin Smartwatch Bodymedia Link Armband Sonostar Smartwatch Fun'iki Ambient Glasses Sony Smartband SWR10 Glance Catapult Nanotrak Sony Smartwatch Google Glass Catapult Optimeye S5 Timex Ironman One GPS+ Electricfoxy Pulse Wellograph Watch I'm SPA I'm Watch Epson Pulsense Watch Kirlswatcher Watch Epson Pulsense Wristband KMS Wristband FitRit Flex Lechal Shoe FitBit One LG Smartwatch Logbar Ring FitBug Orb Martian Watches Memi Smartbraclet Free Wayz Garmin Forerunner 910XT Meta M1 Watch Garmin Vivofit Moto 360 GoBe Activity Monitor Nike+ Sportswatch GPS Google Glass Omate Truesmart Watch Pebble Steel Smartwatch GOOII Activity Band HXM Smart Samsung Gear Ihealth Activity/ Sleep Tracker Sony Smartwatch Timex Ironman One GPS+

#### Engage and entertain

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Air Scouter

Atheer One

Apple Watch

Avegant Glyph

Beartek Bluetooth Gloves

Casio G-Shock GB-6900

Connectedevice Cogito Watch

Connectedevice Cookoo

Epson Moverio BT-200

Evetap Digital Eve Glasses

Infiniteye Virtual Reality Display

Buhel Speakglasses

Buhel Speakgoggle

Cinemizer OLED

Dash Earphones

Epiphany Eyewear

FashionTeg Zazzi

Filin Smartwatch Free Wavz

Glance

Glassup

Google Glass

Intelligent Headset

I'm SPA I'm Watch

Laster Pro Mobile Display

Krevos Meteor

Leap Band

LG Lifeband Plus

Agent Smartwatch

Protect

Martian Watches Memi Smartbraclet Bionym Nymi Wristband

Meta M1 Watch

Mirama Digital Glasses

Motorola Motoracty

Mykronoz Zewatch

Omate Truesmart Watch

Pebble Steel Smartwatch

Recon Instruments Snow 2

OMG Autographer

Optinvent ORA-S

Qualcomm TOQ

Narrative Clin

Nentune Pine

Oculus Rift

Peregrine

Rufus Cuff

Sigmo

Samsung Gear

Smart Q Zwatch

Sony Smartwatch

Wellograph Watch

VUZIX 1200DX

Sonostar Smartwatch

Sonv HMZ-T3W 3D Viewer

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Meta Pro

Moto360

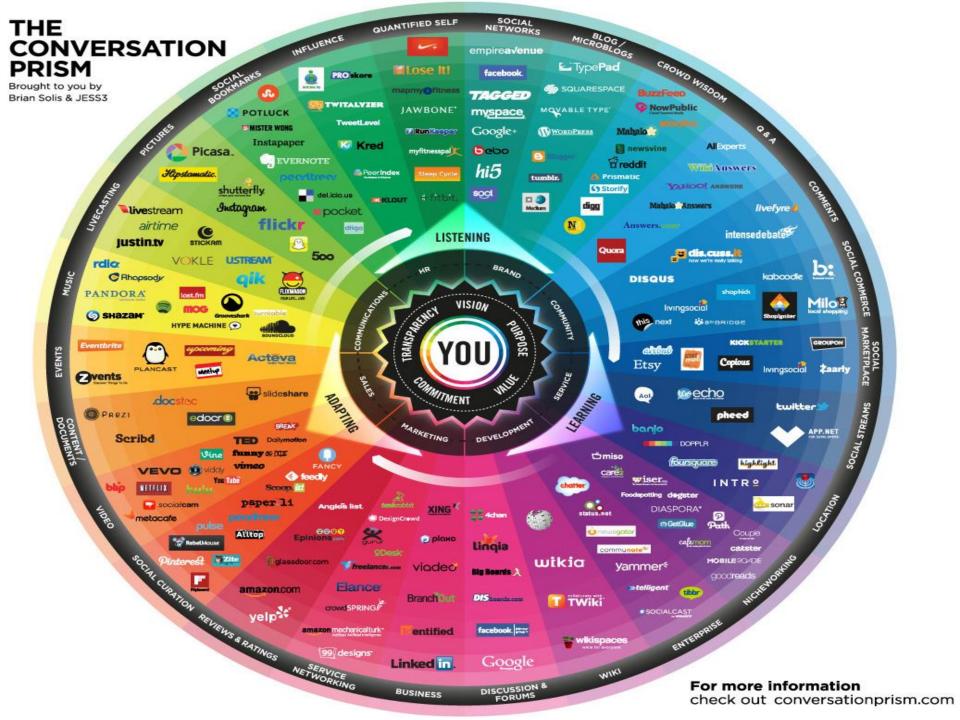
- Nymi Wristband O Cuff
- Elocator Checkpoint
- Kirlswatcher Watch
- KMS Wristband
- PFO Safety Braclet Safelet
- Spotnsave
- Triloc GPS Locator
- ΔIRT

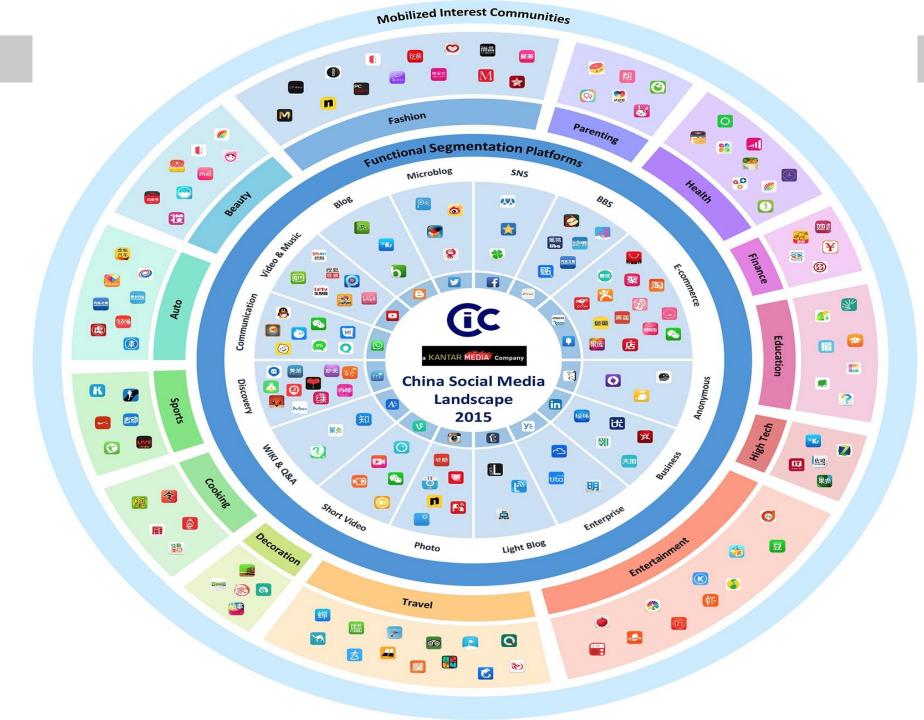
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#### •Social Media Statistics:

http://www.socialbakers.com



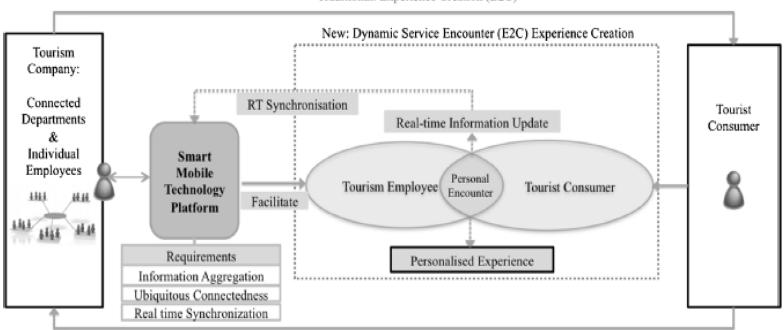




#### Smart personalised experiences

#### Smart Technology for Personalized Experiences

Traditional: Experience Creation (B2C)



Traditional: A-Priori Information Collection (C2B)

#### ig. 3 Process model personalized experience creation

Neuhofer, B., Buhalis, D., Ladkin, A., 2015, Smart technologies for personalized experiences: a case study in the hospitality domain, Electronic Markets, Vol 25(1)



#### Thinking smart for life -BEACONS

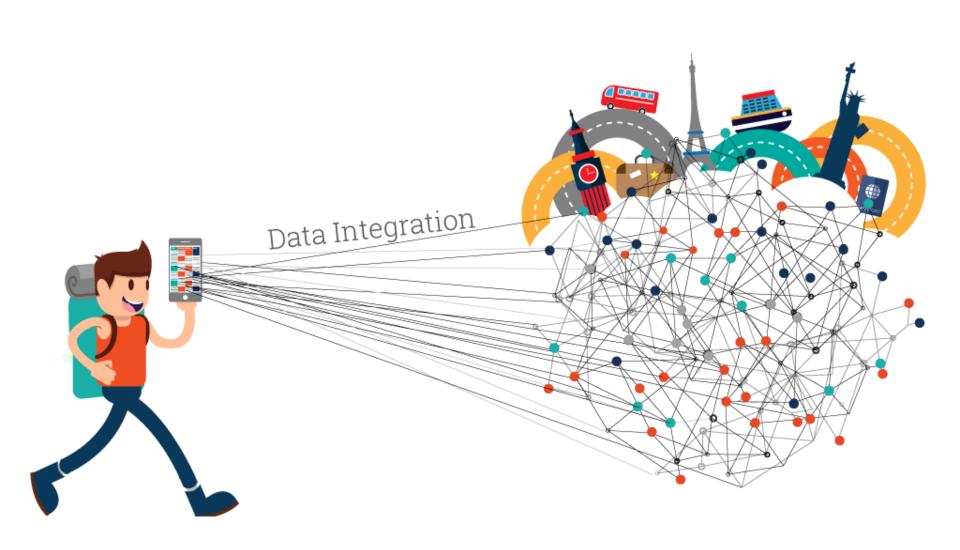




## Smart Tourism

Ecosystems and the power of

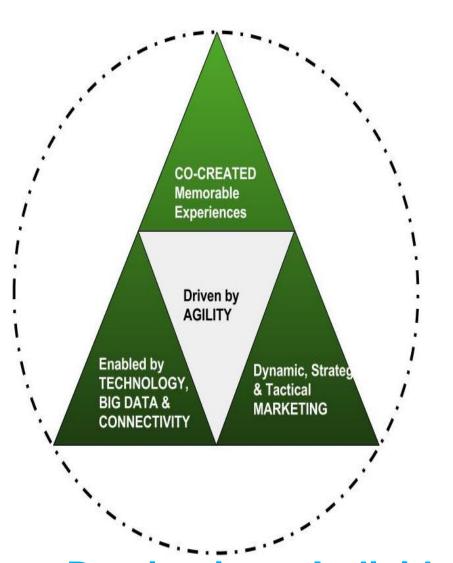
networks



#### TECHNOLOGY ENHANCED DESTINATION EXPERIENCES EXTENDED EXPERIENCE CO-CREATION 1 PRE-TRAVEL 2 ON-SITE-DESTINATION 3 POST-TRAVEL TOURISM CONSUMER Contral atomort in experience co-preates with courism suppliers, co-consumers and pocial network: through (CTs) TOURISM TOURISM SUPPLIERS CO-CONSUMERS CO-CREATION (Facilitate co-creation with all circles (Other consumers, fans, followers who tourism consumer, other consumers, go-create with consumer and suppliers And network through (CTs) Errough ICTs I SOCIAL NETWORK Friends and peers who co-createwith consumer through (CTs) Virtual Experience Co-Creation Virtual Experience Co-Creation Virtual Experience Co-Creation Physical Experience Co-Creation INFORMATION AND COMMUNICATION TECHNOLOGIES Traditional Experience Co-Creation 2 ON-SITE-DESTINATION

Neuhofer, B., Buhalis, D., Ladkin, A., 2012, Conceptualising technology enhanced destination experiences, Journal of Destination Marketing & Management Vol. 1 pp.36–46

#### Smart Tourism Ecosystem



Interoperability of systems in realtime

Technology is the means to an end, not the solution Enabled by Big Data, IoT and Open Data

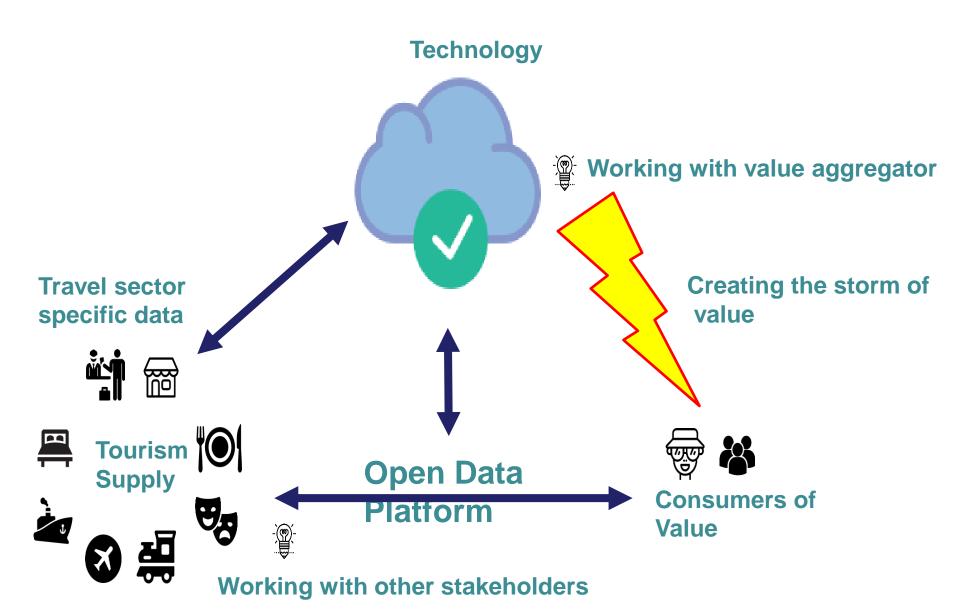
Enhancing positive experiences, removing negative factors through co-creation

**Deriving value through marketing** 

All elements are pushed through with an agile mindset

**Destination > Individual businesses** 

#### **Smart Tourism Framework**



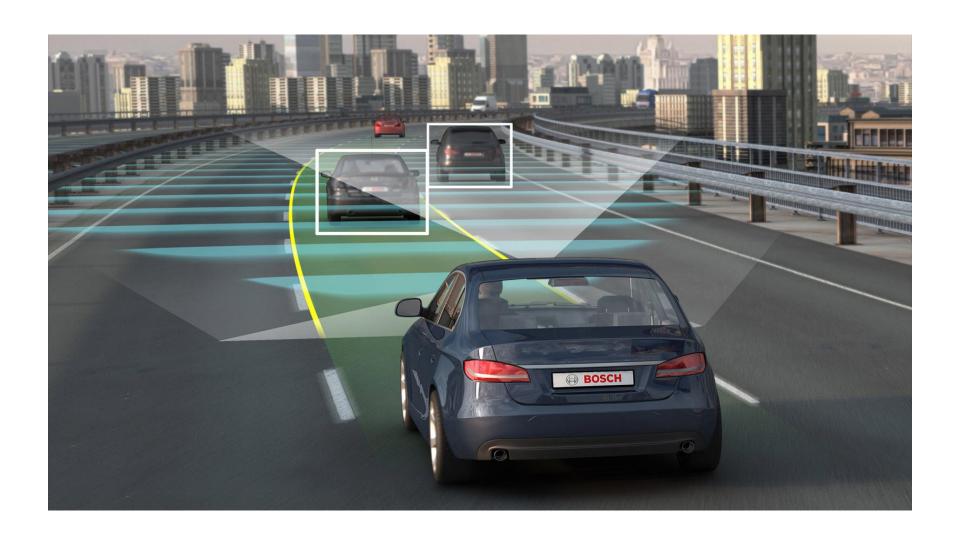
#### SMART SOLUTIONS

Sharing Economy Autonomous Vehicles and Drones Artificial Intelligence Big Data Management Real Time Management Autonomous Vehicles





#### **Autonomous Vehicles**

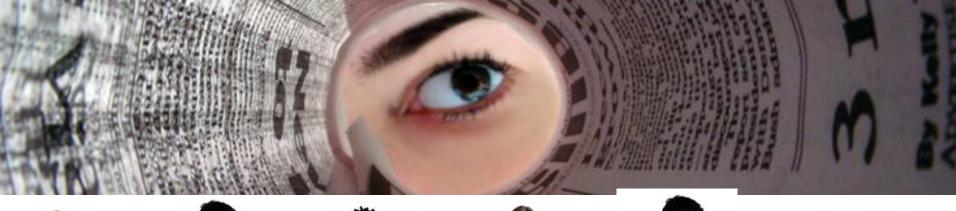


#### Autonomous Vehicles















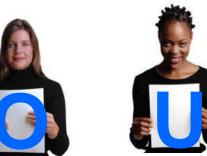


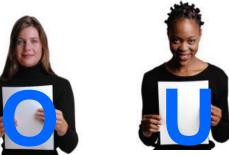


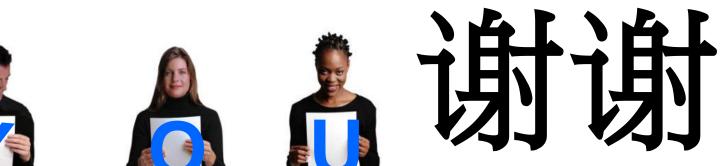














#### Stay in touch with Dimitrios



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