

EXPERIENCE

European Regional Development Fund



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HOW TO ENCOURAGE CYCLING ON HOLIDAY

AND
HOW CAN HOLIDAY CYCLING GENERATE POSITIVE





Today's Agenda





Aim & Objectives

AIM



Enjoyment of cycling People to cycle Attractive of cycling hubs

 Understand the prerequisites for people to make the decisions to cycle.



OBJECTIVE 1

To identify the factors that trigger cycling decisions during the holiday



OBJECTIVE 2

Indicate the impacts that lead to the continuation of cycling



OBJECTIVE 3

Recommendations
which could make
cycling hubs more
attractive



Project background

Frequency of travel by cycling in Great Britain from 2011 to 2017

Frequency of cycling in Great Britain 2011-2017

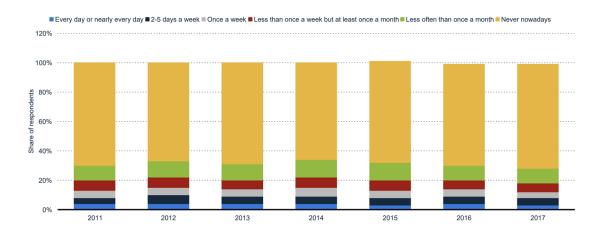


Figure - Frequency of travel by cycling in Great Britain from 2011 to 2017 Source: Statista, Bicycle industry in the United Kingdom

France (Channel) England

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Share of people who cycled for any purpose at given frequencies in England in 2017/2018, by region

Frequency of cycling in England 2017/2018, by region

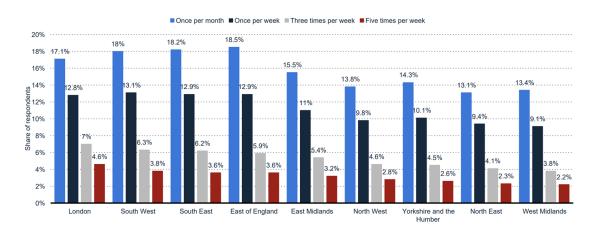


Figure - Share of people who cycled for any purpose at given frequencies in England in 2017/2018 by region Source: Statista, Bicycle industry in the United Kingdom Page 22











_ Anticipated outcomes _







1 ↑People to cycle

†Pick-up of cycling during holidays in the UK

Case studies &

statistics (From

pepartment of Transport &

Statista)

• Evaluate resources leading to cycling during holidays

Questionnaire:

Collect data on

- Cycling habits
- Top priority when cycling
- Opinions on cycling during holidays



Expected to cycle during holidays but not for cycling holidays

4

Main purpose of leisure activities

5

Prediction of safety as the priority

6

Preferring bike rental at the destination

7



Research Method

Primary data collection:

- Online survey with 12 questions
- Medium: University email, social media
- Duration: 3 weeks
- Number of respondents: 160
 - ★ Cycling habit
 - **★** Factors affect people to cycle
 - ★ Common knowledge on cycling holidays
 - ★ Opinions on cycling holidays
- ★ Behaviour on participating cycling holiday
- Lack of data from UK respondents aged between 26-45

Secondary data collection:

- Statistics from Statista
 - Analyse people's cycling habit



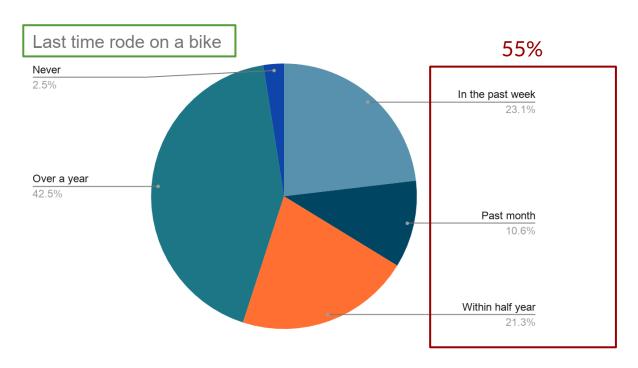
- Transport for London
 - Official reports/ guidelines
- Case studies: Copenhagen, Netherlands, London, Bristol
 - Make comparison with current case
- Theories
 - Human Behaviour

Primary
Project
Findings





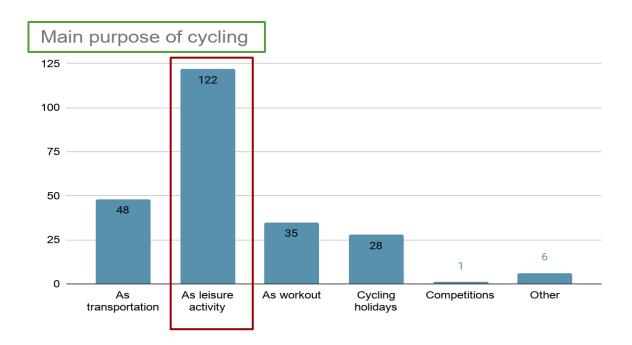
Cycle behaviour



Q3. Last time that the respondents rode on a bike



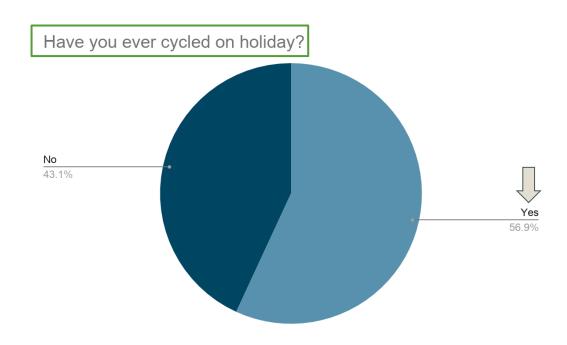
Cycle behaviour (con't)



Q4. Main purpose of cycling among survey respondents

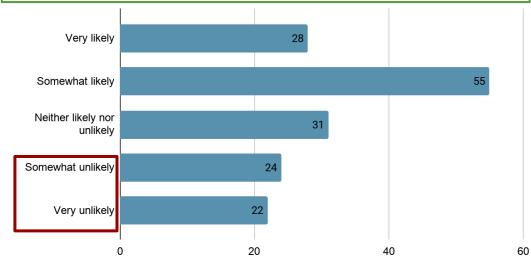


Cycle behaviour (con't)



Q7. Respondents that have cycled during holiday

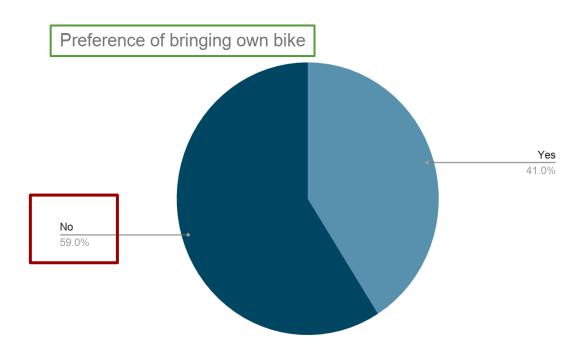
How likely you will cycle during a holiday? (Including weekends, long holidays and at holiday destinations)



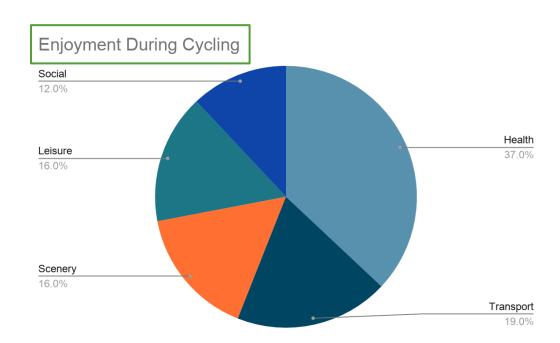
Q11. Respondents' cycling frequency during holidays



Cycle behaviour (con't) & enjoyment



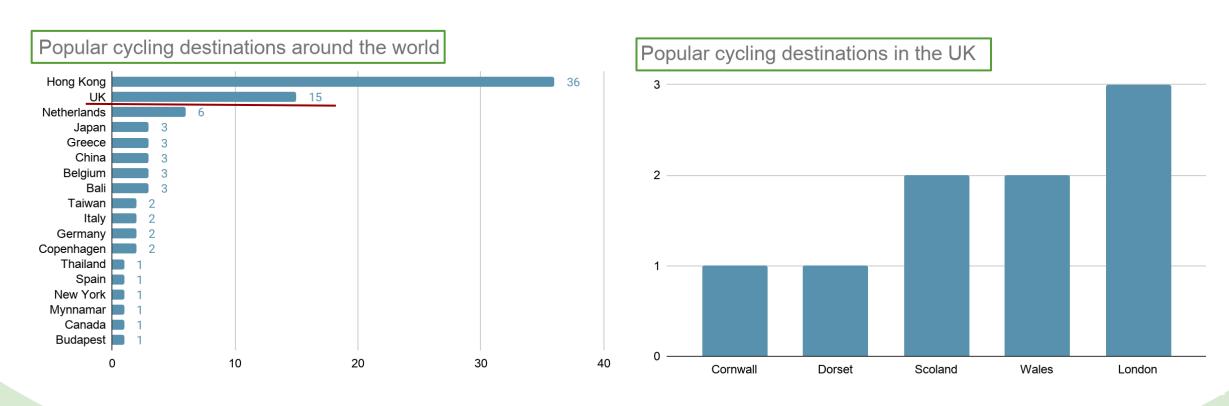
Q10. Preference of respondents bringing their own bike



Q9. Respondents enjoyment during cycling



Cycling destinations

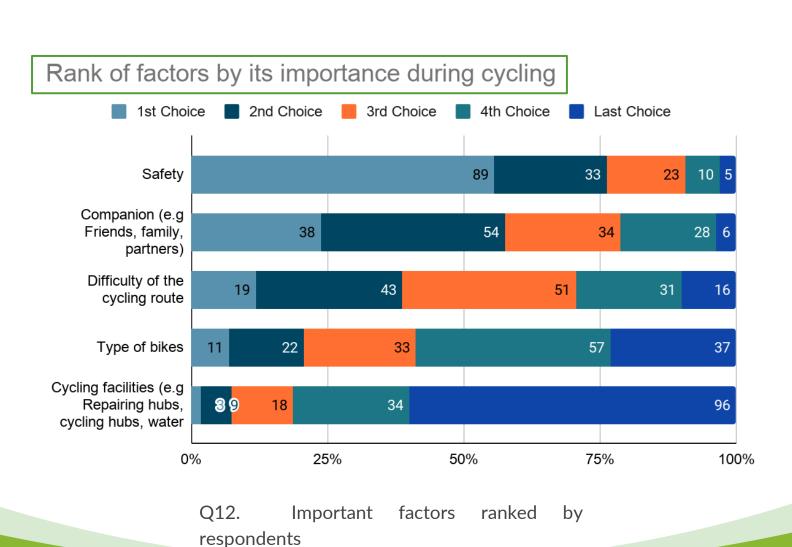


Q8. Popular cycling destinations among survey respondents

Q8. Popular cycling destinations in the UK among survey respondents



Important factors





Regular Cyclist's cycling behaviour during holidays

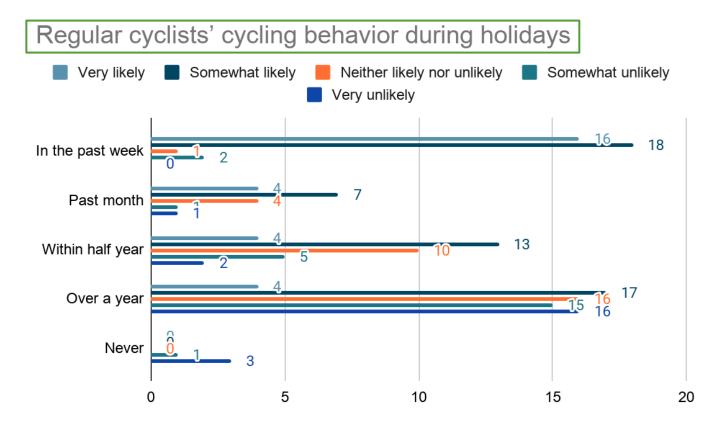


Figure - Frequency of cycling and cycling behaviour during holidays

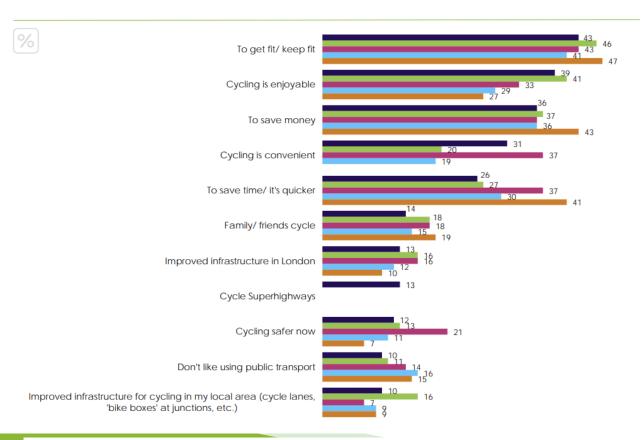
Secondary Project Findings



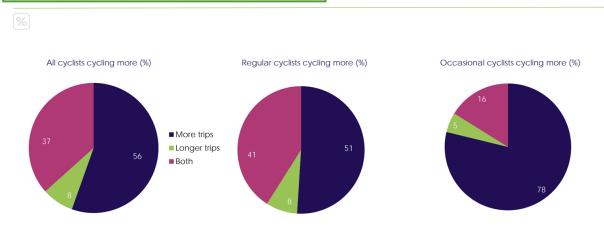


Motivations for cyclist to continue cycling

Motivations for considering cycling more



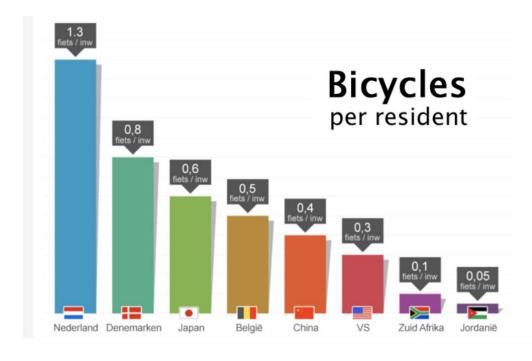
How Londoners are cycling more



How Londoners are cycling more in 2016 Source: Attitude towards cycling September 2016 report (Transport for London, 2016)



Denmark and Netherlands bike culture



Bike per resident in 2018 (Dutch Cycling figures, 2018)



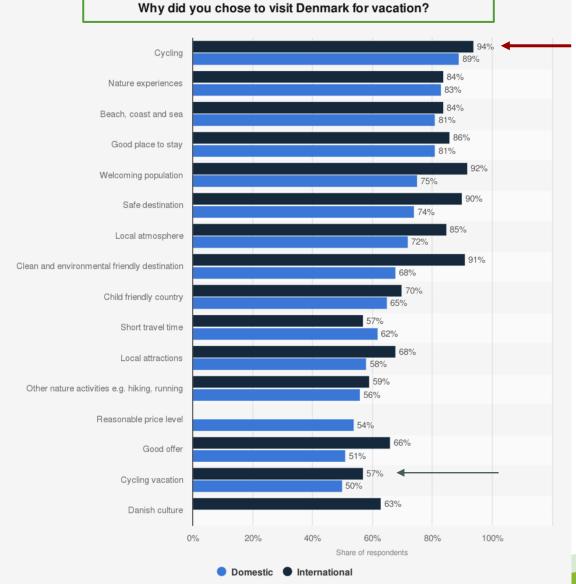
Urbee in Amsterdam (Urbee, 2020)



Bycyklen in Copenhagen (Christ, 2014)



Popularisation of cycling at Denmark



Reasons why domestic and international travellers visit Denmark for Vacation (Statista, 2018)



Intentions to use a bike-sharing system

Pro-cycling attitudes	 Good health conditions on holidays Have an environmentally friendly vacation Convenience in saving money and time
Pro-cycling subjective norms	 Cycling norms among family and friends and in the community Car drivers' respect for cyclists and greater feeling of cyclist inclusion and safety.
Perceived cycling ease	 Weather, distance, traffic, crowding on cycling path Use of GPS while cycling Use of the automatic payment system

Theory of planned behaviour (TPB) constructs regarding the increasing intention of using the bike-sharing system (Kaplan et.al,2015)



Intentions to use a bike-sharing system



Santander bikes in London Source: (Jones, D., 2017)

- 750 docking points
- 1,500 bikes

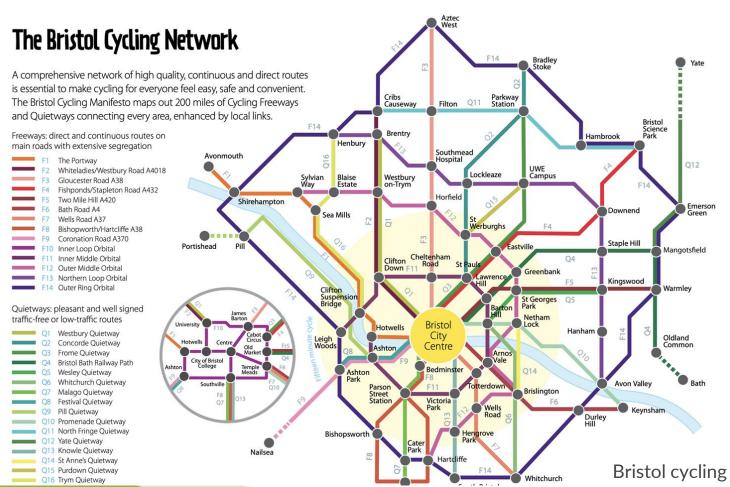


Tablets on copenhagen Gobike (aka. Bycycklen) (Grozdanic, L., 2013)

GPS routing device



Cycling infrastructure





Bristol cycling campaign logo in 2015 (Bristol Cycling, 2020)

Bristol cycling network (Visit Bristol, 2014)



Traffic conditions at a destination



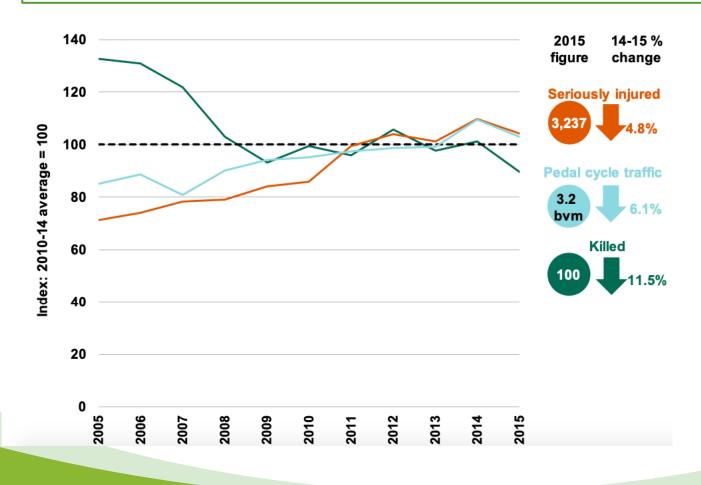
- Improving local traffic conditions
- Bike friendly roads
- Developing the technology for cycle route mapping

(Mills, J., 2018)



Safety Concerns

Number of pedal cyclists killed or seriously injured compared with pedal cycle traffic



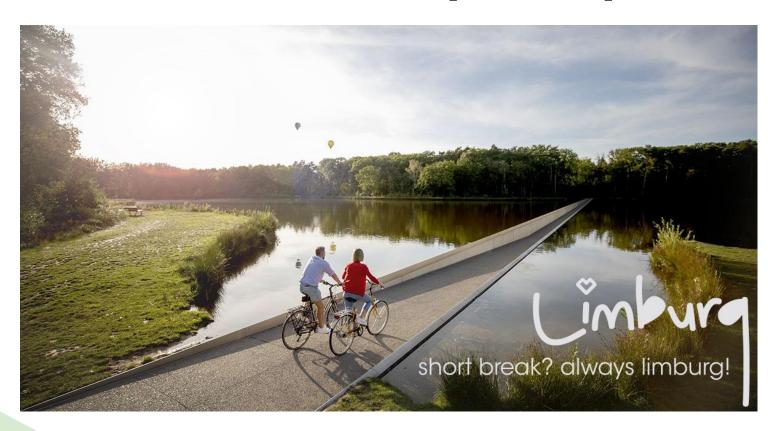
- Cycling UK:
 67% of respondents consider
 safe travel free routes as an
 important element
- Department for Transport:
 Risk of cycling in the UK twice
 higher than that of the
 Netherlands

Number of killed and seriously injured car occupants compared with car and taxi traffic, GB:2005 - 2015

(Department for Transport, 2016)



Unique experiences

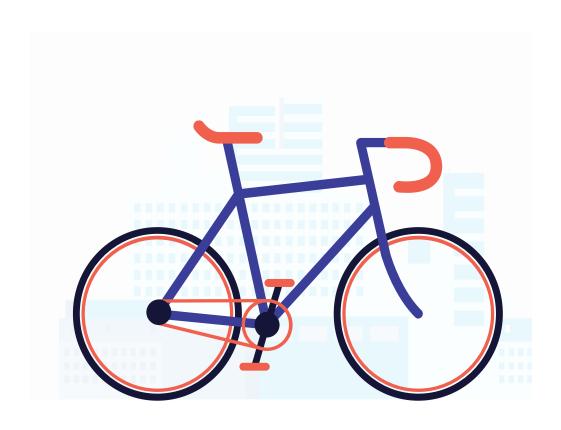


- Participate in sports related activities is a good way for people to experience places and people.
- Example: "Cycling through Water" experience in Limburg, Belgium

(visitlimburg, 2020)



Recommendations





Improvements on bike sharing scheme



Cycling infrastructure



Traffic conditions and safety



Unique experiences



Improvements on bike sharing scheme



Tablets on copenhagen Gobike (Grozdanic, L., 2013)

Introducing an app with reward functions:

- Cyclists can ride up to a certain distance or amount of times
- Earn free rides or free rewards such as free coffee, free meals and coupons
- Motivates people's future cycling behaviour
- Increases brand awareness of the organizations that offer benefits



Cycling infrastructure



(Cycling today, 2020)





(Altago, 2020)

(Reid, C., 2020)



Traffic conditions and safety





(Sabre, 2015)

(Road Safety Commission, 2017)

- Improvement on legal protections for cyclists on roads
- Training and education on bike usage on roads necessary
- Instigate changes in public behaviour



Unique experience



(McCracken, S., 2015)



(The Great Tour, 2020)



Conclusion

- Identified the prerequisites and the reasons why people took up cycling during holidays
- Referred to different successful case studies worldwide

Raised feasible recommendations





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