



Framtíðarsýn í samgöngum

Guðmundur Freyr Úlfarsson
Prófessor í samgönguverkfræði
Umhverfis- og byggingarverkfræðideild
Háskóla Íslands





Helstu markmið samgöngubóta

- Meiri hagvöxtur
- Bætt samgönguöryggi
- Meiri hreyfanleiki (ferðageta) einstaklinga
- Minni umhverfisáhrif
- Meira einstaklingsfrelsi ?









UM 4.000 ÍBÚÐIR Í SKIPULAGSFERLI OG 8.000 Í ÞRÓUN

Skipulagsvinna hafin við 4.000 íbúðir

Skipulag í vinnslu

Móavegur 2-4	120
Vogabyggð, svæði 2	800
Elliðabraut 4-12	230
Héðinsreitur	275
Steindórsreitur	170
Borgartún-Nóatún	49
Sogavegur 73-77	40
Keilugrandi 1	78
Frakkastígur 1	26
Sæmundargata 23	220
Nauthólsvegur	65
KHÍ reitur	100
KHÍ reitur	50
Heklu reitur	300
Sléttuvegur-íb.f.aldraða.	100
Vogabyggð, svæði 1	230
Úlfarsárdalur - stækkun	500
Sóltún 2-4	30
RUV reitur	360
Vogabyggð, svæði 3	200

Samtals: 3.943

8.000 íbúðir á þróunarreitum í skoðun

Þróunarreitir

Reynisvatn	49
Ártúnshöfði	5.000
Skerjafjörður	800
Háskóli Íslands	350
Kringlan	300
Árbær - æfingarsvæði	120
Suðurfell	100
Skeifan	500
Borgarholtsskólareitur	40
Heklu reitur	250
Háaleiti	40
Sóleyjarrimi	30
Sléttuvegur	80
Borgarspítalareitur	180
Landhelgisgæslureitur	50
Veðurstofuhæð	300
Stjórnamráðsreitur	200

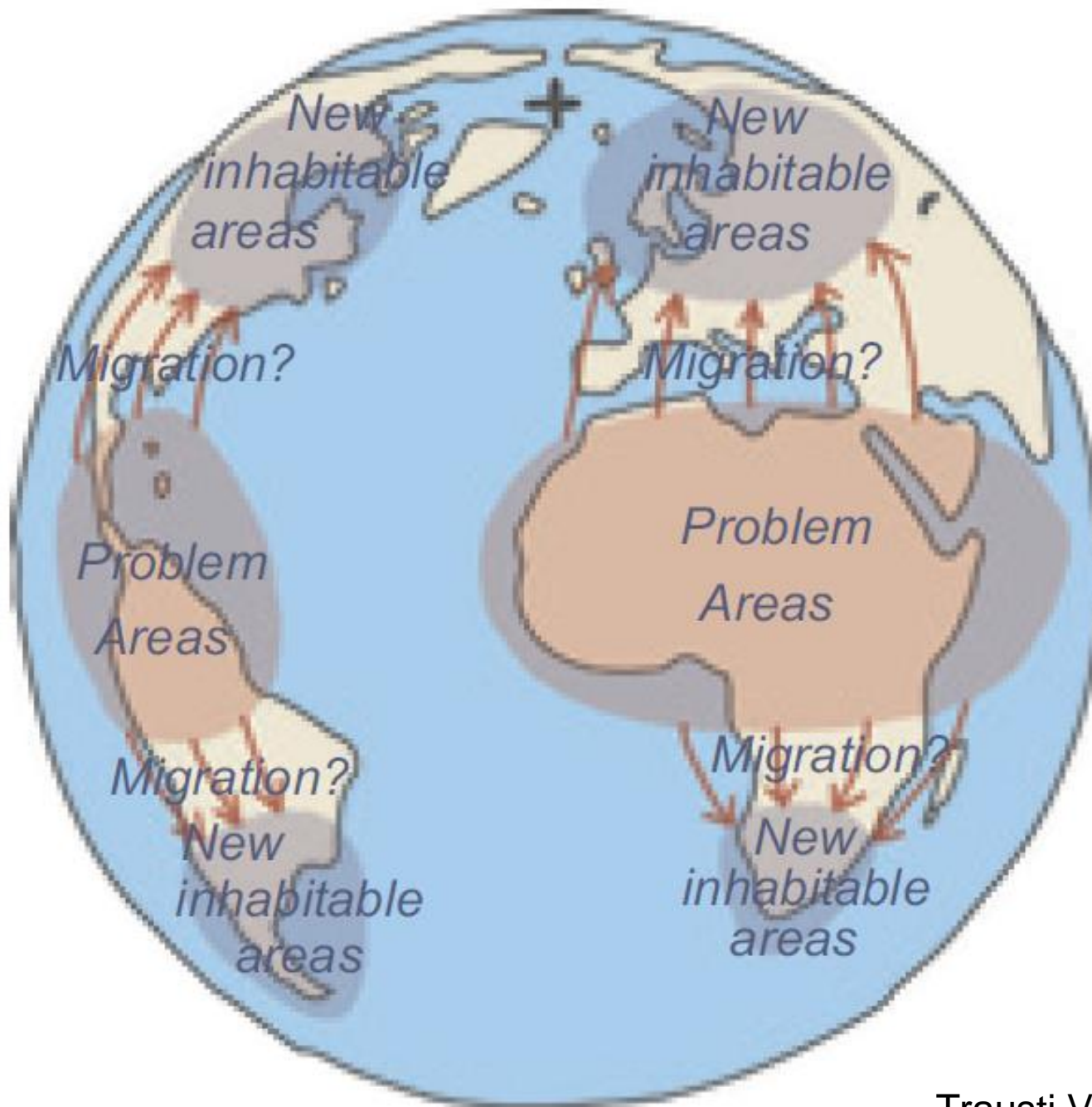
Samtals: 8.389



HÁSKÓLI ÍSLANDS

UMHVERFIS- OG BYGGINGARVERKFRÆÐIDEILD

(Dagur B. Eggertsson, 2016: Uppbygging í Reykjavík 2016.)









Myeongdong 8ga-gil

THE FACESHOP

778-7933

키어프로 M

Café BANG BANG 4F

니켄정머우과

TONY MOLLY

영부동스

헤어

AHN 리 헤어 호점

리안 헤어

리안 헤어



Why Millennials Are Ditching Cars And Redefining Ownership

August 21, 2013 · 3:03 AM ET

Heard on [Morning Edition](#)

NOAH NELSON

FROM **YOUTH
RADIO**



Zach Brown's preferred mode of transportation is his skateboard. Brown, 27, is an artist and actor who doesn't own a car.

Courtesy of Zach Brown



[heim](#)

[zippa](#)

[hvernig virkar Zipcar](#)

[fyrirtæki](#)

[verð](#)

[spurt og svarað](#)

[gerast meðlimur](#)

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AKTU DEILDU NJÓTTU

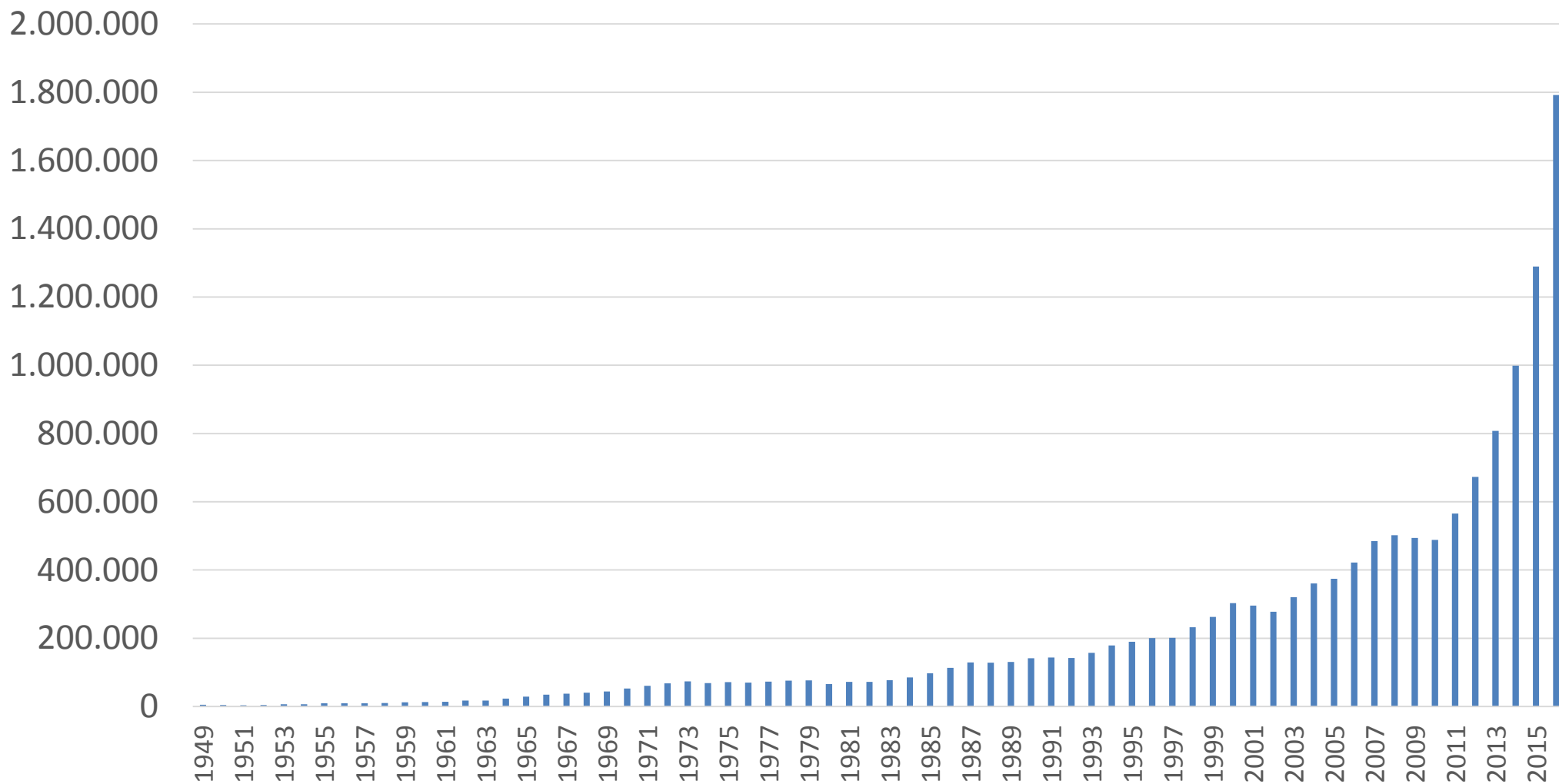
með vinum

[gerast meðlimur](#)





Fjöldi ferðamanna á Íslandi



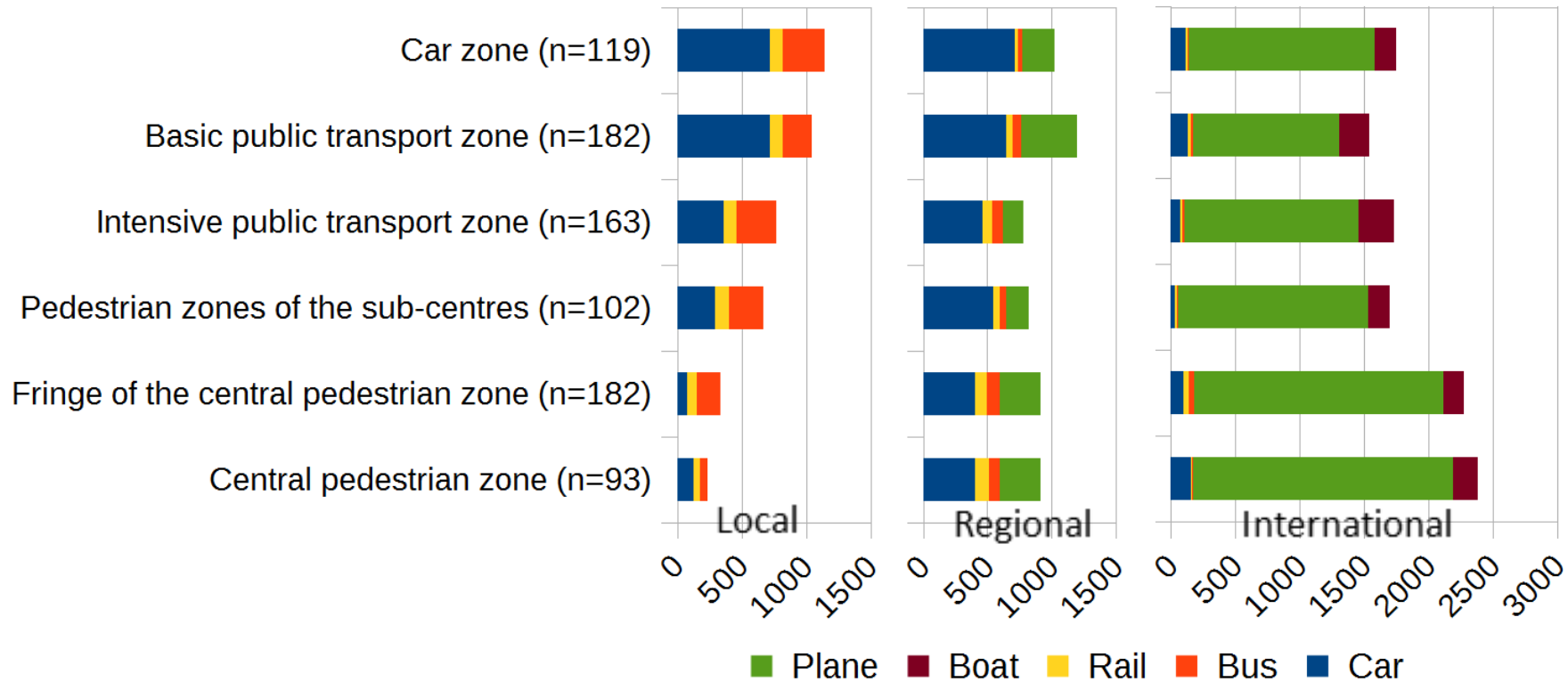
HÁSKÓLI ÍSLANDS

UMHVERFIS- OG BYGGINGARVERKFRÆÐIDEILD

Gögn: Ferðamálastofa, 2017

Áhrif samgangna á útblástur gróðurhúsalofttegunda

yearly GHG emissions per capita - all trips [kg CO₂e]





Feb. 29, 2016
RELEASE 16-022

NASA Begins Work to Build a Quieter Supersonic Passenger Jet



This is an artist's concept of a possible Low Boom Flight Demonstration Quiet Supersonic Transport (QueSST) X-plane design. The award of a preliminary design contract is the first step towards the possible return of supersonic passenger travel – but this time quieter and more affordable.

Credits: Lockheed Martin

The return of supersonic passenger air travel is one step closer to reality with NASA's award of a contract for the preliminary design of a "low boom" flight demonstration aircraft. This is the first in a series of 'X-planes' in NASA's New Aviation Horizons initiative, introduced in the agency's Fiscal Year 2017 budget.

A Siemens Eurostar e320 high-speed train is shown on a track, moving from left to right. The train is white with blue and yellow accents. The number '4008' is visible on the front. The background consists of tall pine trees under a clear sky. In the top right corner, there is a white box containing the Siemens logo and tagline. In the bottom left corner, there is a blue box containing the train model name and its application.

SIEMENS

Ingenuity for life

Eurostar e320

high-speed trains
for Eurostar International Limited

Ultra-Fast 'Hyperloop' Train Gets Test Track in California

By Tanya Lewis, Staff Writer | May 22, 2015 06:40am ET

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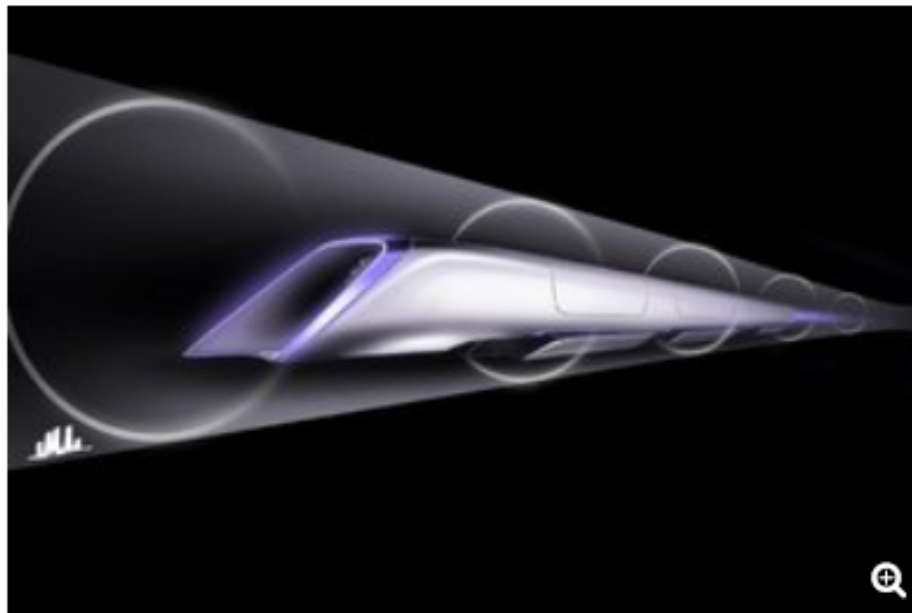
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This image of a Hyperloop capsule is one of many designs that could be put to the test on the proposed Hyperloop track.

Credit: Elon Musk/SpaceX

The "Hyperloop," a hypothetical high-speed transportation system that could shuttle people between Los Angeles and San Francisco in only 30 minutes, just sped a bit closer to reality.

First proposed in 2013 by billionaire entrepreneur Elon Musk, CEO of Tesla Motors and SpaceX, the [Hyperloop](#) would transport passengers in floating pods inside low-pressure tubes

at speeds of more than 750 mph (1,200 km/h).



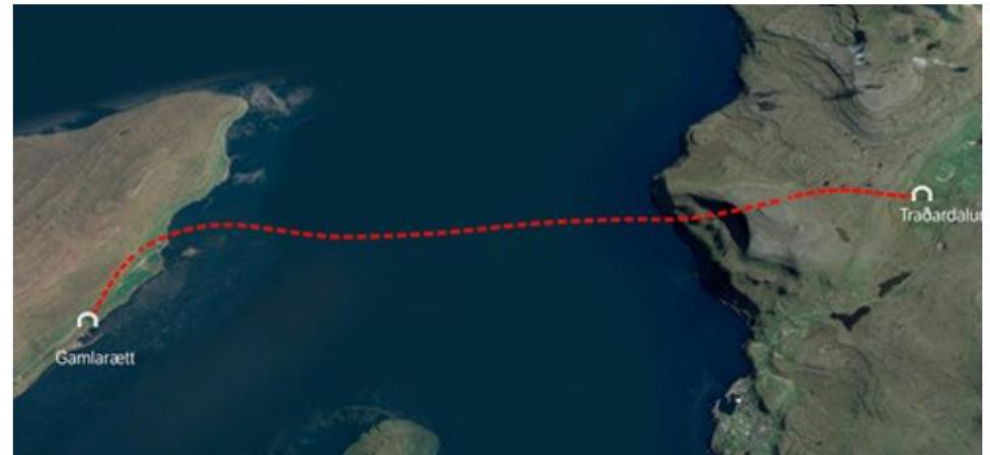
Um tunlarnar



Eysturoyartunnin

Eysturoyartunnin knýtir Skálafjørðin og Havnina saman við einum undirsjóvartunli, ið tilsamans verður góðar 11 kilometrar langur.

Les meira >



Sandoyartunnin

Sandoyartunnin knýtir Sandoyinna at meginpartinum av føroyska vegakervinum.

Les meira >

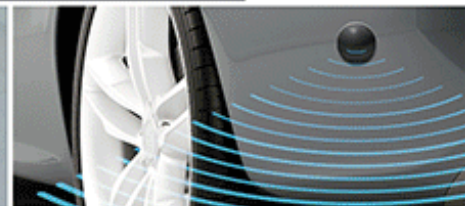
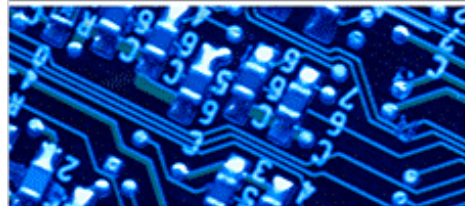
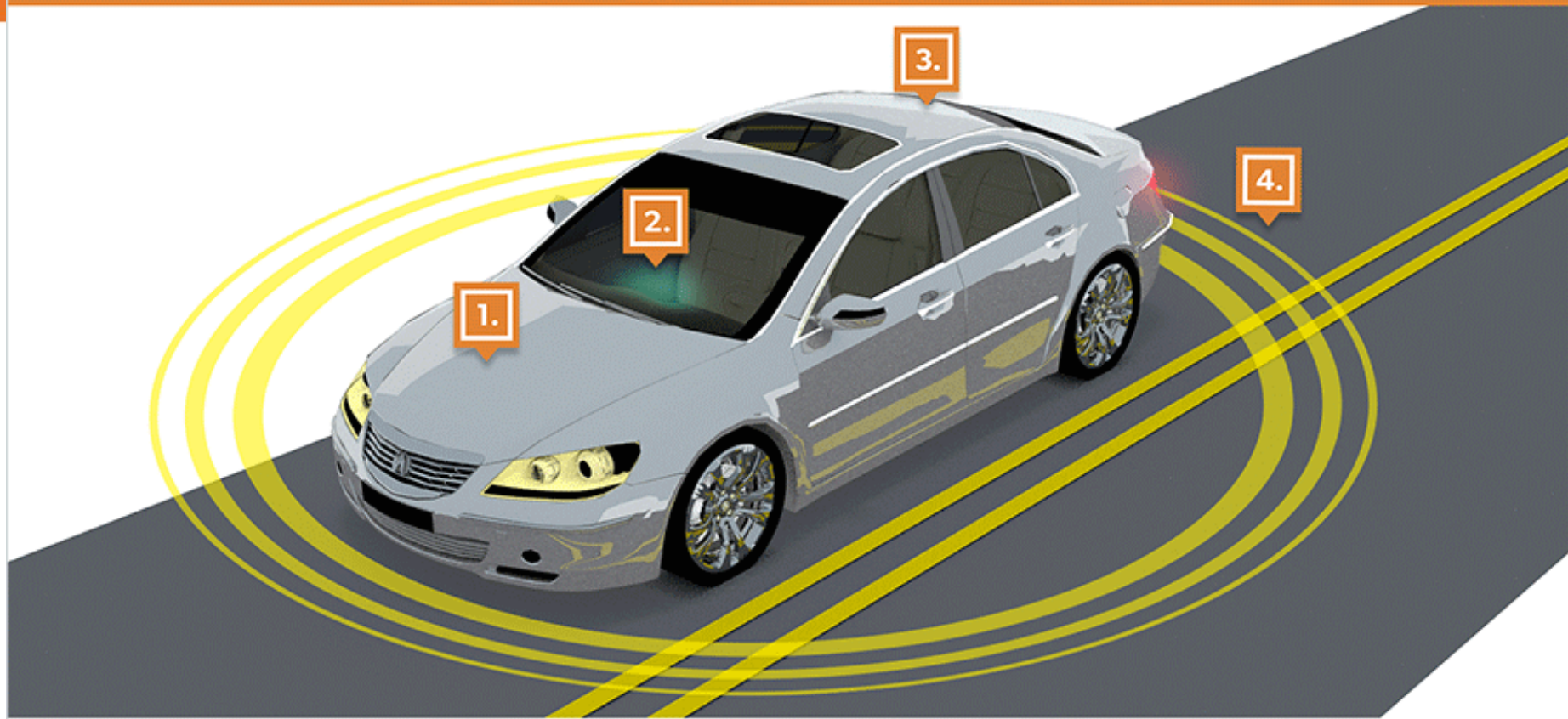


HÁSKÓLI ÍSLANDS
UMHVERFIS- OG BYGGINGARVERKFRÆÐIDEILD

<http://www.estunlar.fo/>



INSIDE A CONNECTED VEHICLE



1. An under-the-hood box (a processor with memory) collects and transmits data between the vehicle's onboard equipment (OBE) and between OBE on near-by connected vehicles and safety devices along the roadside.

2. A display panel, sitting in the vehicle's center console opposite the driver's dashboard, displays audio or visual safety warnings to the driver.

3. A radio and antenna, using dedicated short-range communications (DSRC) and a GPS receiver, receive and transmit data about the vehicle's position to other vehicles and to safety devices along the roadway.

4. Sensors collect additional information that improves the accuracy of the data being collected and transmitted by the vehicle.



Lokaorð

- Þétt byggð og góðar almenningssamgöngur koma ekki í veg fyrir að einkabifreiðar eru áfram mikilvægar fyrir fólk til að sinna erindum sínum
- Bifreiðar sem snjalltæki





Frelsi einstaklingsins

- Snjalltæki veita frelsi en það er **dýrkeypt**:
 - Fjárhagslega dýrt fyrir einstaklinga vegna eignarhalds fyrirtækja og sífelldra þjónustugjalda í stað einkaeignar
 - Geysilegt eftirlit með einstaklingum í öllum athöfnum og ferðum
 - Gagnasöfnun um einstaklinga





