Infrastructure & Public Buildings in The Faroe Islands
The Faroe Islands - FACTS

- Islands: 18
- Population: 48,193
- About 19,900 people in the metropolitan area
- Climate: Winter 3.5°. Summer 12°
- Roads: 960 km. State roads app. 500 km.
- 16 tunnels (28 km)
- 2 sub sea tunnels
- 10 heliports
- 3 state harbours
The Infrastructure - HISTORY

- Islanders – Dependent on the sea
- Nearly every village a jetty
- Year 1900: 7,500 cairns
The Infrastructure - HISTORY

- Year 1904: First road plan
- Year 1916: First road connecting two villages
- Year 1948: Landsverk is established
- Mid 1950: Long term plan
- Vision: To connect all villages in the Faroes

1965

- Year 1960: About 340 km one lane roads & gravel roads
- Year 1963: First tunnel
- Year 1965: First asphalt road
Landsverk – THE ORGANIZATION
Public Buildings – CONSTRUCTION & MAINTENANCE

- **Construction of new buildings 2016**
  - Budget DKK approx. 300 mill.

- **Maintenance of public buildings 2016**
  - Budget per square meters DKK 110

- **Public Buildings**
  - Square meters in total: 250,000 m²
Skúladepli við Marknagil - FACTS
The Hospital - FACTS
The Infrastructure

Construction 2016
- Budget DKK 345 mill

New projects
- Viðareiðistunnel
- Eysturoyartunnel
- Sandoytunnel
- Hvalbiartunnel
- New hospital building
- New university
- New public theatre
Viðareiðistunnel - FACTS

- New tunnel to Viðareiði
- Price DKK 162 mill.
- Sept. 19th 2013: Tender
- Febr. 19th 2014: Agreement is signed
- Construction period: 2014-2019
| **Length** | 1.939 m |
| **Profile** | T 8.5 |
| **Height tunnel portal** |  |
| Hvannasund | 48 m |
| Middal | 80 m |
| **Slope** | 19 ‰ (35 ‰) |
| **Over height** | 520 m |
| **Tunnel class** | B |
| **Standard** | Handbook 021 |
| **Road Hvannasund** | 367 m |
| **Road Middal-Viðareiði** | 3.406 m |
Viðareiðistunnel - PROFILE
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<thead>
<tr>
<th>Viðareiðistunnel</th>
<th>2014</th>
<th>2015</th>
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Two Sub Sea Tunnels

**Structure**
- Limited Company owned by the Government
- Share capital increase of DKK 400 mill. (25%) over 11 years
- The Minister appoints the board and the management
- The company’s assets are transferred to the Government after all debt is paid

**Financing**
- Bank loan
- Corporate Bonds
- Minimum traffic guaranteed by the Government
- Up to DKK 10 mill. Government subsidies for the Sandoy tunnel per year
Two Sub Sea Tunnels – ORGANIZATION

- The Board:
  - 7 members
  - Landsverk/Construction Competence
- A tunnel operating company
Eysturoyartunnel - FACTS

- **Length**: 11,2 km
- **Length tunnel west**: 2,1 km
- **Length tunnel east**: 1,8 km
- **Profile**: T 10,5
- **Height at roundabout**: -85,3 m
- **Slope**: 50 \( \frac{\%}{100} \)
- **Minimum over height**: 40 m
- **Lowest point**: -189 m
- **Roundabout (2 lane)**: -72 m
- **Tunnel class**: C
- **Standard**: Handbook N500
- **Price**: DKK 1,2 billion
Eysturoyartunnel - PROFILE
Sandoy tunnel - FACTS

- Length: 10,6 km
- Profile: T 9,5
- Slope: 55 °
- Over height: 365 m
- Minimum over height: 44 m
- Lowest point: -155 m
- Tunnel class: B
- Standard: Handbook 021
- Price: DKK 865 mill.
Sandoy tunnel – PROFILE
## Saving time

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<th>Route</th>
<th>Transport time before</th>
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<td>Klaksvík – Tórshavn</td>
<td>68 min.</td>
<td>36 min.</td>
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<td>Runavík - Tórshavn</td>
<td>64 min.</td>
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<td>Sandur – Tórshavn</td>
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## Schedule

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Thank you !!