

# Resilience in Oregon

## Pacific Northwest Disaster Resilience Symposium

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Office of Governor Kate Brown

July 2017

# The Oregon Resilience Plan

Reducing Risk and Improving Recovery  
for the Next Cascadia Earthquake and Tsunami

Report to the  
77<sup>th</sup> Legislative Assembly

from  
Oregon Seismic Safety Policy  
Advisory Commission (OSSPAC)



Salem, Oregon  
February 2013

- The Oregon Resilience Plan – February 2013
  - Report to the 77<sup>th</sup> Legislative Assembly
  - Oregon Seismic Safety Policy Advisory Commission (OSSPAC)
    - 50-year plan
- Senate Bill 33 Task Force – October 2014
  - Implementation recommendations
- HB 2270 – July 2015
  - Created State Resilience Officer – ORS 401.913
  - In the Office of Governor
- Confirmed on May 25, 2016
  - Article III, section 4, of the Oregon Constitution



GOVERNOR KATE BROWN



# Facts on the Oregon Resilience Plan

## 2012 -2013 Oregon Seismic Safety Policy Advisory Commission

- 170+ Volunteers made up Eight Task Groups
  - Earthquake and Tsunami Scenario Task Group
  - Business and work Force Task Group
  - Coastal Communities Task Group
  - Critical Buildings Task Group
  - Transportation Task Group
  - Energy Task Group
  - Information and Communications task Group
  - Water and Waste Water Task Group

### February 2013

Reported to the 77<sup>th</sup> Legislative Assembly

- ✓ 341-pages
- ✓ 50-year view
- ✓ 149+ recommendations

### October 2014

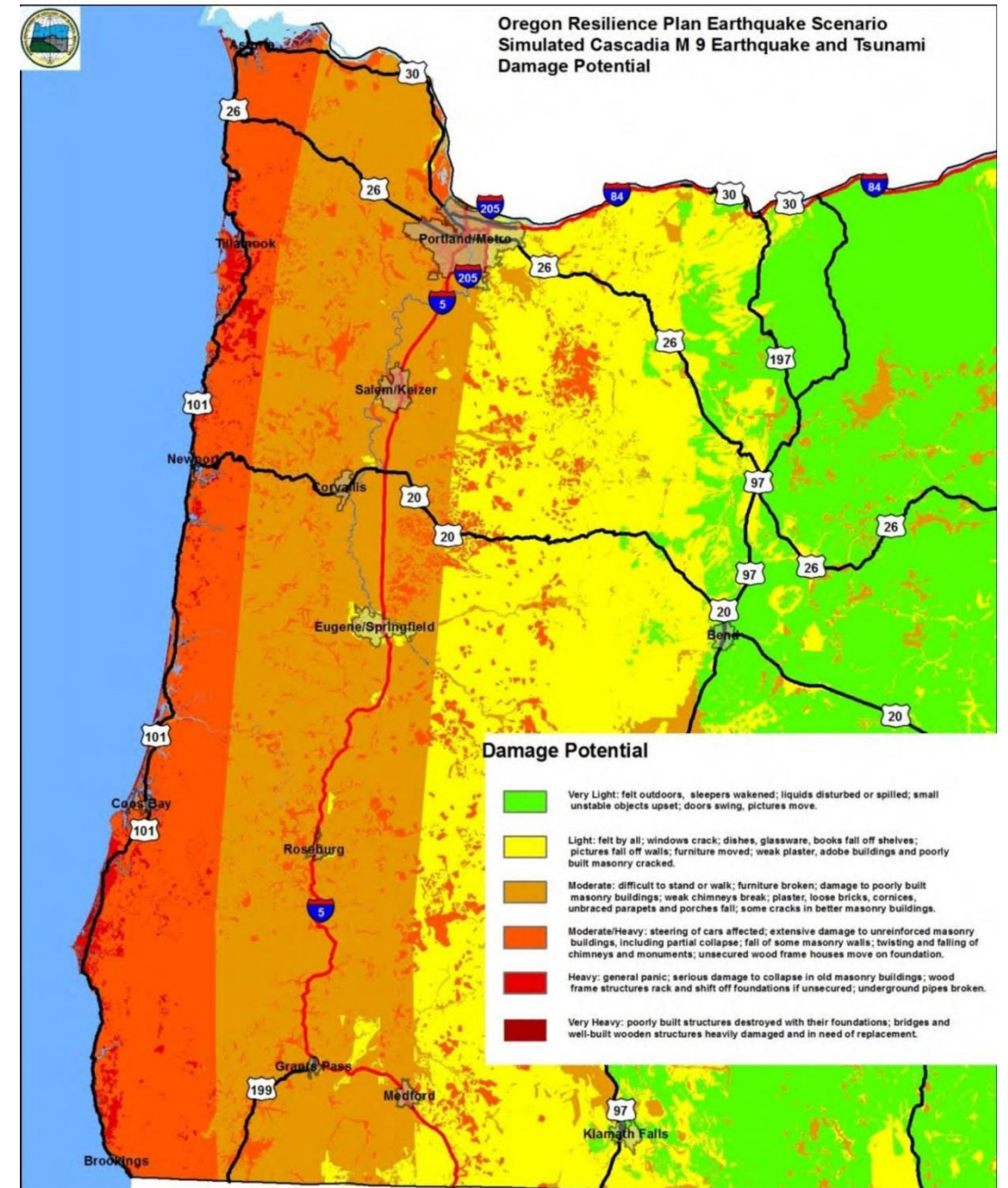
Senate Bill 33 Task Force

- ✓ 2-pages
- ✓ 2-year focus (2015-2017 BI)
- ✓ 21 recommendations



# Oregon Resilience Plan (ORP)

*Business leaders engaged in this resilience planning effort have indicated that in a major disaster, interruptions of infrastructure services lasting longer than two weeks will put their enterprises at risk. Yet, under present conditions, we can expect some interruptions to last much longer, in some cases from 18 to 36 months or more.*



# ENERGY SECTOR

## Target Timeframe For Recovery

### KEY TO THE TABLE

<i>Desired time to restore component to 80-90% operational - In 50 Years</i>	<b>Resilient</b>	<b>G</b>
<i>Desired time to restore component to 50-60% operational - In 50 Years</i>	<b>Resilient</b>	<b>Y</b>
<i>Desired time to restore component to 20-30% operational - In 50 Years</i>	<b>Resilient</b>	<b>R</b>
Current state restoration to 90% operational	<b>Today</b>	<b>X</b>

### TARGET STATES OF RECOVERY

Event Occurs	0-24 Hours	1 - 3 Days	3-7 Days	1 - 3 Weeks	3 Weeks - 1 Month	1 Month - 3 Months	3Months - 6 Months	6 Months - 1 year	1 year - 3 Years
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#### ELECTRIC

All - see notes below

#### ZONE: WILLAMETTE VALLEY

Transmission

Substation

Distribution

#### NATURAL GAS

Transmission

Gate Stations

Distribution

#### LIQUID FUEL

Transmission

Storage

#### ELECTRIC

All - see notes below

#### ZONE: EASTERN OREGON

Transmission

Substation

Distribution

#### NATURAL GAS

Transmission

Gate Stations

Distribution

#### LIQUID FUEL

Transmission

Storage

#### ELECTRIC

All - see notes below

#### ZONE: COAST (Non Tsunami Zone)

Transmission

Substation

Distribution

#### NATURAL GAS

Transmission

Gate Stations

Distribution

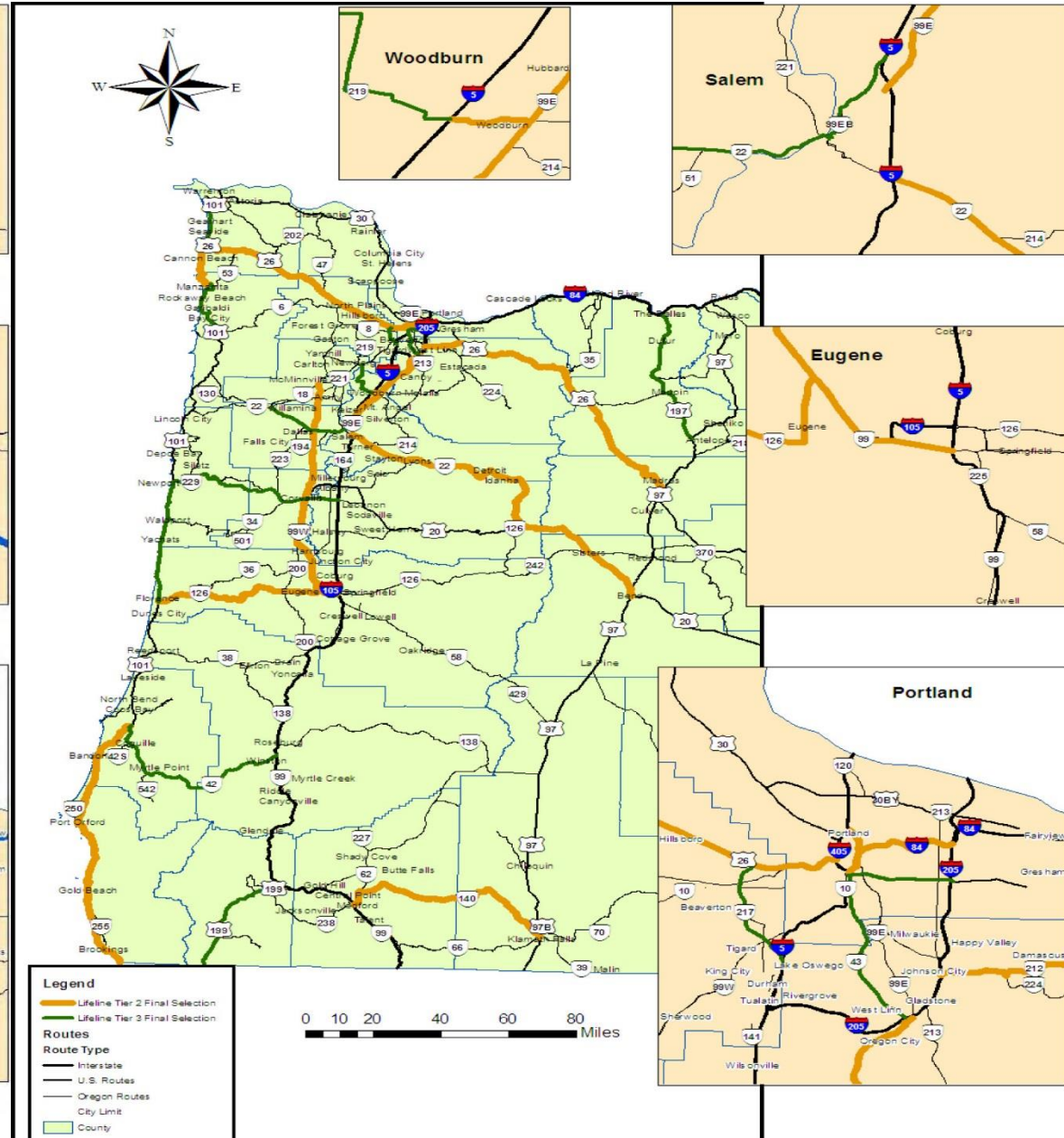
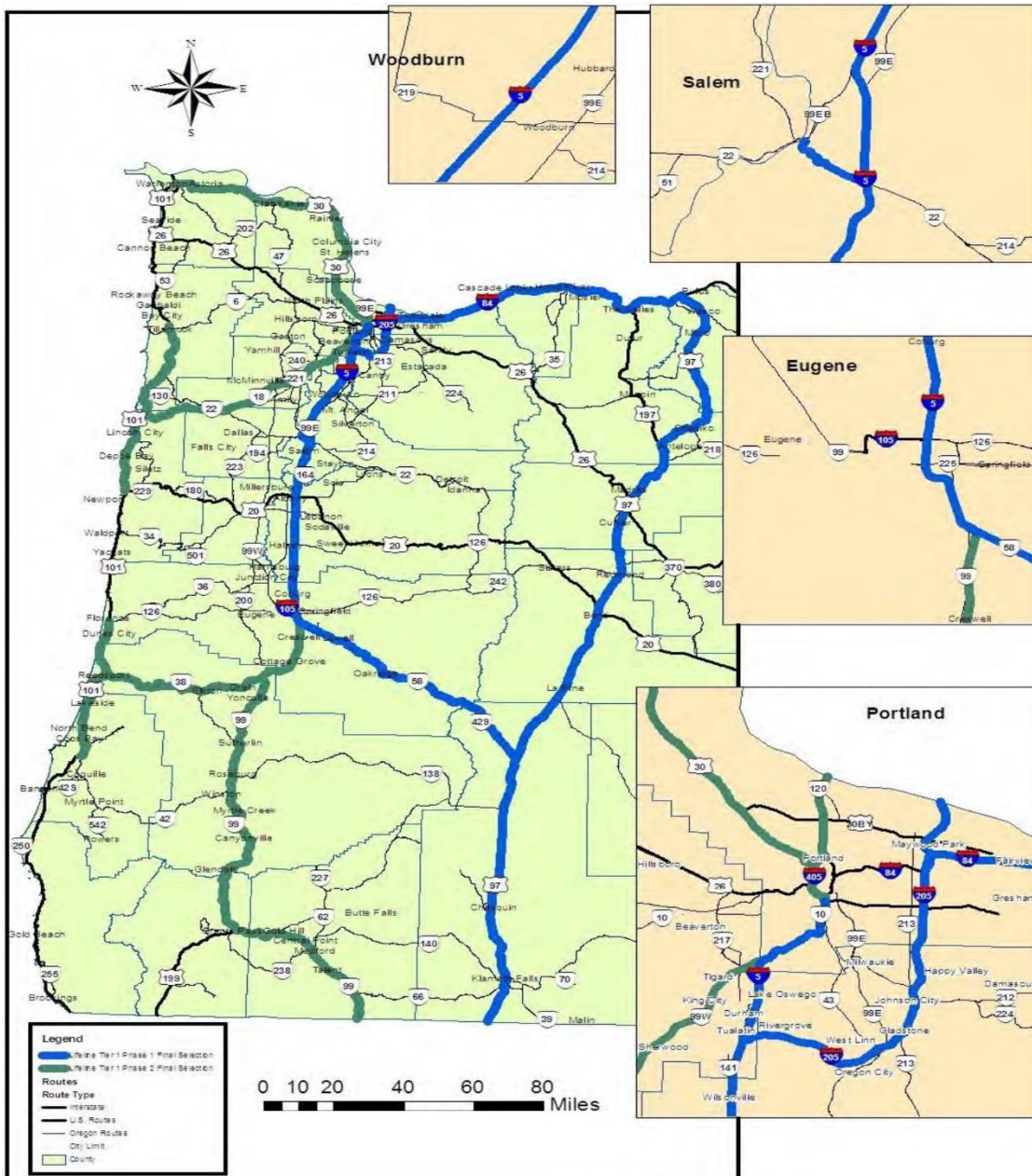
#### LIQUID FUEL

Transmission

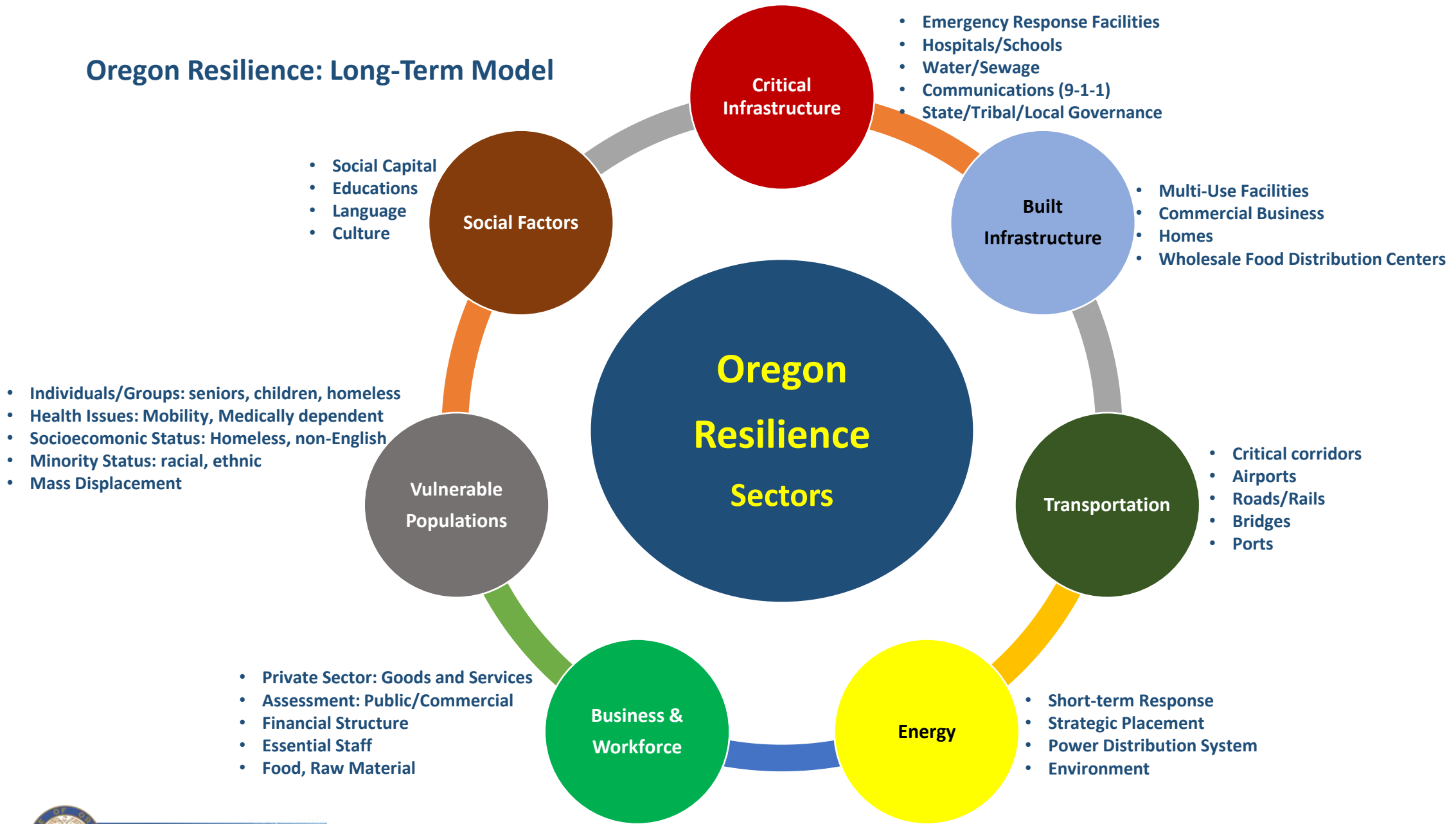
Storage







# Oregon Resilience: Long-Term Model







# Contact Information

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