



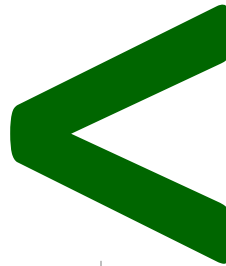
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**A View to the Future**  
**Shailen Bhatt, Executive Director**  
*August 15, 2016*

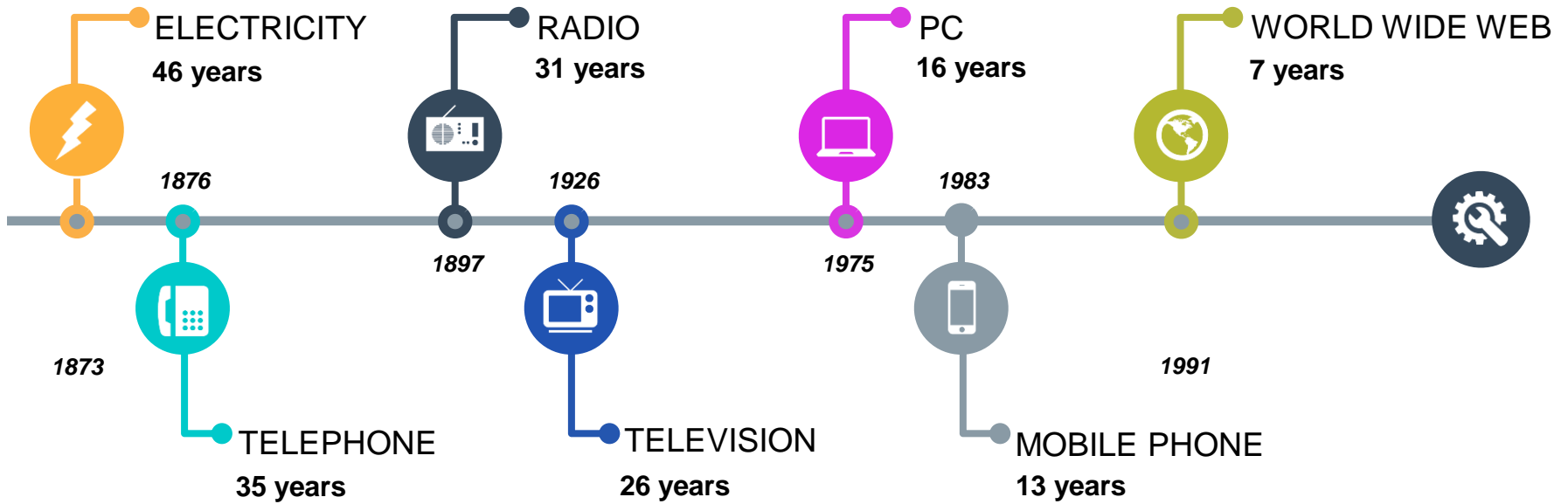


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*Years until technology was used by one-quarter of Americans*





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*“USDOT predicts that nearly 80% of unimpaired accidents could be reduced or eliminated with full implementation of Connected Vehicle technology...”*

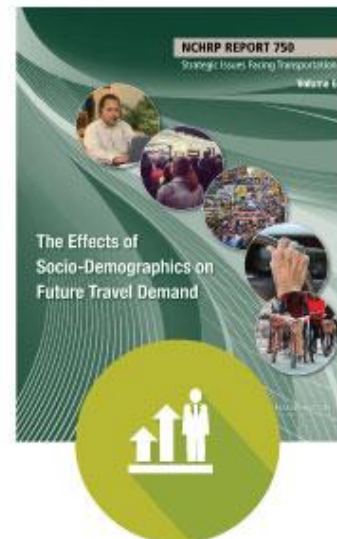
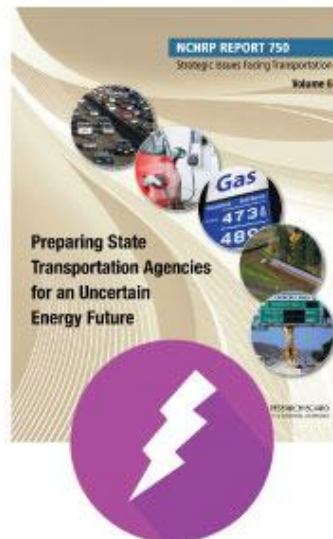
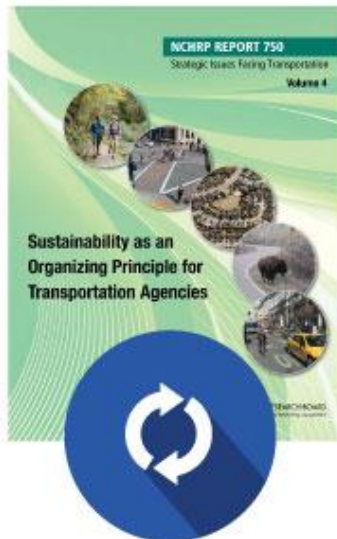
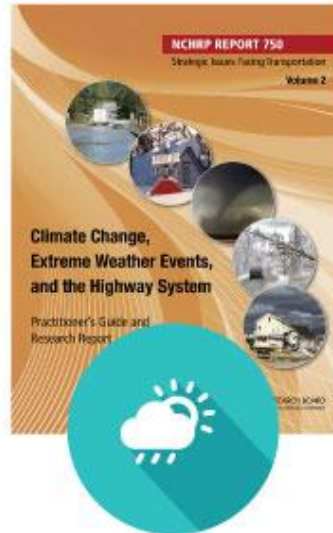
*Moreover...*

*A new study by Columbia University predicts that “Autonomous cars could nearly quadruple highway capacity”*



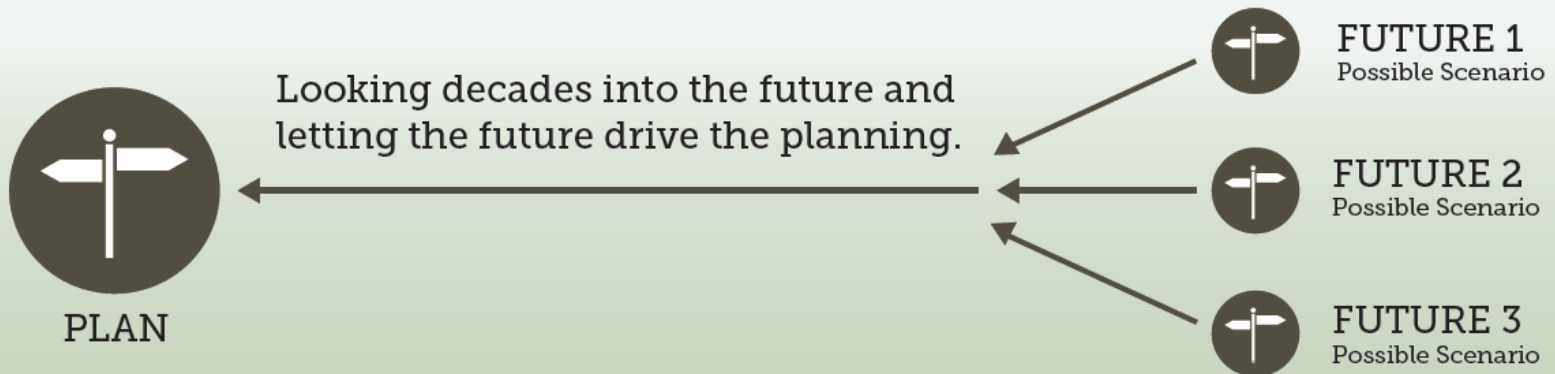
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## SCENARIO PLANNING – A SHIFT FROM PREDICTION TO PREPARATION





# Beyond Traffic

2045

## | How will we move?

How will we build a transportation system that doesn't just let a growing population travel – but lets them travel SAFER than ever?

## | How will we move things?

How will we reduce freight chokepoints that drive up the cost of owning a business?

## | How will we move better?

How can we knock down barriers to new technologies that promise to make travel safer and more convenient?

## | How will we adapt?

How do we make our infrastructure more resilient for a time when weather events like Hurricane Sandy will occur with increasing frequency?

## | How will we align decisions and dollars?

How can we invest the trillions of dollars our transportation needs in the smartest way possible?

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*Beyond Traffic* does not close the book on these questions.

## IT OPENS THE BOOK WIDER

...

Giving all of us more and better data with which to answer them.

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# OUR CHALLENGE

*continued growth*

From  
2013  
to  
2040



Population

**+47%**



**7.8 MILLION  
COLORADANS**



Vehicle Travel

**+47%**



**41.8 BILLION  
MILES TRAVELED**



**Avg. Traffic Delay  
on congested corridors**

**2 to 3  
TIMES**

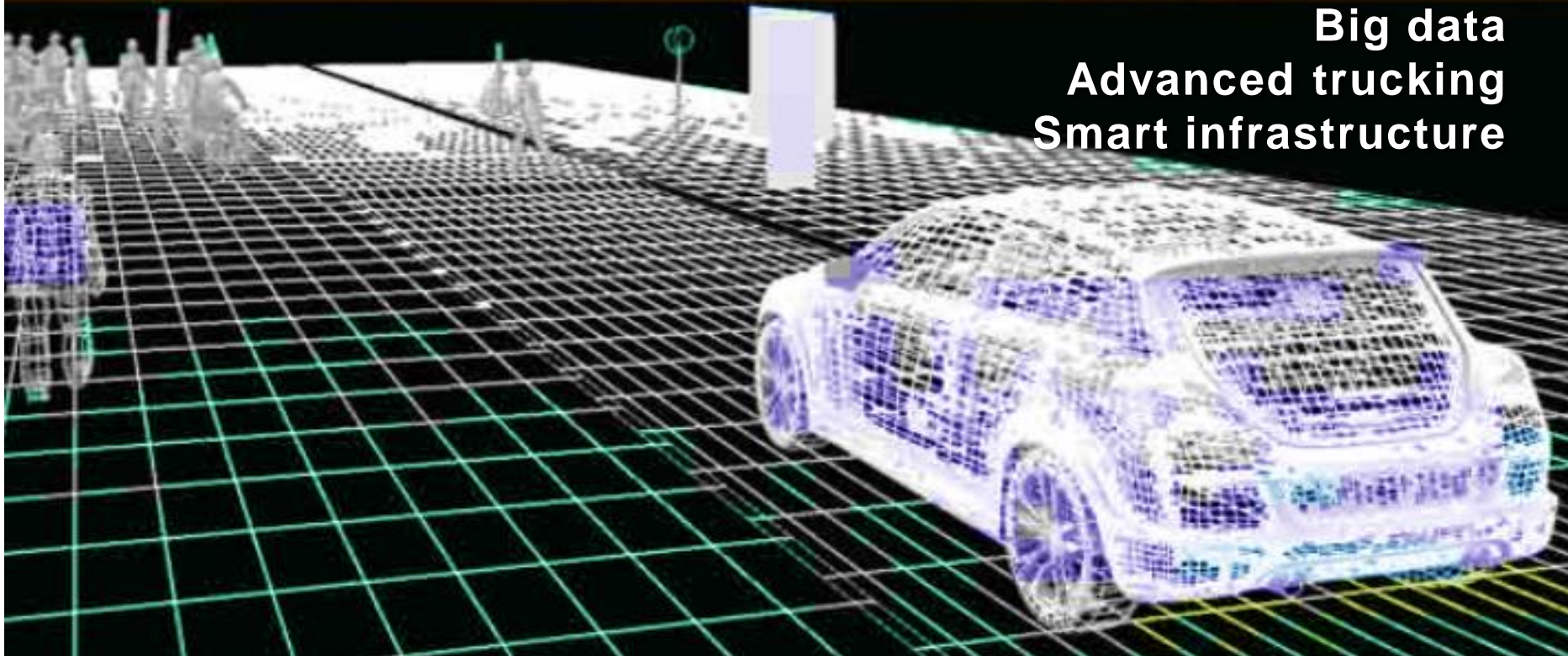


**DURING  
PEAK HOURS**  
(if we do nothing)



# Transforming safety, mobility and transport through technology

**Connected vehicles**  
**Big data**  
**Advanced trucking**  
**Smart infrastructure**





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**THANK YOU**