Everything is About to Change

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“Everything that can be invented, has been invented.” Charles H. Duell – Commissioner of US Patent Office, 1899.
The Rate of Change...is Changing

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Technological Change
Yesterday and Today . . .

"If I asked people what they wanted they would have said faster horses."

Henry Ford

Cell phone
Computer
Vehicle
Autonomous Vehicles

Lidar

$150,000/vehicle
‘12 - $70,000/vehicle
‘13 - $10,000/vehicle
‘14 - $1,000/vehicle
‘16 - $250/vehicle
‘21 - $90 $10

8 years – 35%

15 years – 85%

November, 2016 – a robot truck made its first delivery of 50,000 beers!

Oil Sands Mines – hauling sand accident free, and cheaper!

[Image of autonomous vehicle interior]

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Autonomous Vehicles

Autonomous vehicles:

- Electric . . .
- High performance battery storage . . .
- Solar windows . . .
- No driver . . .
- No need to park . . . . . . Amortize capital, little operating costs.

Your vehicle: ≈ $10,000/year AND parked +95% of the time
- Garage (or three)
- Insurance
- Gas
- Maintenance and cleaning

Leading cause of non-disease related deaths

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Moore’s Law: the number of transistors in a circuit doubles every 24 months.

Kryder’s Law: disk drive density (data storage) doubles every 13 months.

Hendy’s Law: digital imaging doubles every 24 months.

Butter’s Law: optical fiber transmission capability doubles every 9 months.

Nielson’s Law: home network connection speeds double every 21 months.

Rose’s Law: quantum computing capacity doubles every 12 months.
The Rate of Change ... is Changing

$1,000 - double every 24 months . . .

$32,000
$1,024,000
$32,768,000
Every 12 months . . .

$1,024,000
$1,046,576,000 (billion!)
$1,073,741,824,000 (trillion!)
Economic Change
Economic Changes . . .
Economic Changes . . . .

- Price —
  - Quality
  - Selection
  - Service
  - Experience
  - Atmosphere
Economic Changes . . . .
Economic Changes . . . .
Economic Changes . . . .

Economic Development Authority (EDA)
Tax Free Zones (JobZ)
County Rural Development Authority
Revolving Loan Fund
Economic Changes ....
Economic Changes – Not Just About Economy
Demographic Change
Change: Demographics in the Workforce
Indices Measured
Happiness – aspects of daily life (services)
Housing Affordability
Healthcare
Retirement Taxes
Job Market
Desirability – wanting to live in a particular location (activities)
Semi-Retirees . . . . NOT Seniors . . . .
Semi-Retirees . . . NOT Seniors . . .
Young Entrepreneurs and Leaders . . . .
Values Change
13 WAYS
There's Always A Way

What They Value . . . .

- Emotions
- Behavior
- Awareness
- Self
- Responsible
- Support
- Confidence
- School
- Perspective
- Social
- Respect
- Diversity
- Opinion
- Wellbeing
- Personal
- Family
- Community
- Rewarding
- Help
- Recognize
- Manage

ENOUGH
WITH the
STUFF!

SACRIFICE

ENJOY
LIFE
What They Value . . . .
Societal Changes
Community is Changing . . .

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Communities of the Future...
Communication Changes
Getting the Message . . .

- Signs at the Post Office
- Advertisements in Newspapers
- Fax Machines – ‘43
- Social Media
- Email and Voicemail are Out!
Sending the Right Message . . .
We Must Be More Responsive . . . .
Change is coming . . .

ARE YOU ready?
There’s Always A Way

LinkedIn: Griff13Ways
Facebook: 13WaysInc
Instagram: 13ways.community
Twitter: 13WaysInc