

20.10.2016 “The road to prosperity is always under construction”



Investment in infrastructure
is also an investment in the EU economy

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TEE

TECHNICAL CHAMBER OF GREECE



CIVIL ENGINEERS
ASSOCIATION of GREECE



the desire to invest in infrastructure increases

- **Infrastructure** is an increasingly popular asset class. In times of trouble and uncertainty the desire to invest in infrastructure increases. **It is long term, stable and will be around...**
- The World Economic Forum estimates that the current global **investment gap for infrastructure is \$1tr** per annum against an annual global investment demand of **\$3.7tr**. **Between now and 2030 the world is facing a vast \$14tr shortfall.**





greater focus

A greater focus is placed on **climate change and global urbanization**, increasing population density.

This is further driving infrastructure demand, meaning that **sustainably building, and effectively operating the kind of infrastructure that boosts economic growth** is more vital than ever before.

Better transit, efficient freight networks, reduction of congestion, improved connectivity, greater capacity, better communications, more efficient water systems, clean energy, stable power supplies and growing aviation assets are vital tools in creating stronger, better connected economies





ASCE : Failure to Act Economic Studies

ASCE's Failure to Act economic studies

show the impact on America's economy if they continue only at current infrastructure investment levels. Looking at current trends in infrastructure conditions and investment levels, this report series shows the economic consequences of continued underinvestment in their nation's infrastructure, and, conversely, if they increase investment levels to achieve a state of good repair, the gains that could be made in terms of:

- ✓ **Personal disposable income**
- ✓ **GDP and exports**
- ✓ **Costs to businesses**
- ✓ **Jobs**



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ASCE : Failure to Act Economic Studies

INVESTING IN INFRASTRUCTURE



source : ASCE



ASCE : Failure to Act Economic Studies BY SECTOR

TRANSPORTATION

Investing in roads, bridges, and transit systems will protect 877,000 jobs and \$1,060 per year for American families.

AIRPORTS, INLAND WATERWAYS, AND MARINE PORTS

Airport congestion is on the rise. If they increase investment in their airports, over \$300 billion in GDP will be protected.

WATER AND WASTEWATER

By investing in their water infrastructure to make it more reliable, they can prevent \$147 billion in increased costs.

ELECTRICITY

In additional investment of \$11 billion per year between 2012 and 2020 in their electricity infrastructure can protect 529,000 jobs and \$656 billion in personal income.



ASCE : ECONOMIC IMPACT of FAILING INFRASTRUCTURE BY 2020

Families have a LOWER STANDARD OF LIVING.

American families would earn **\$700 less** each year.

+

And spend **\$360 more** each year.

=

Total impact on each family's budget: **\$1,060 per year.**

American businesses and workers PAY A HEAVY PRICE.

America would lose **877,000** jobs.

Another **234,000** jobs exist only if many more workers agree to paycuts.

Between now and 2020 transportation costs **increase \$430B.**

AMERICA LOSES GROUND in the global economy.

U.S. exports would drop by **\$28 billion.**

+

Exports drop in **79 of 93** different tradable commodities.

=

America's gross domestic product underperforms by **\$897B.**

source : ASCE

FOR AN ADDITIONAL INVESTMENT OF \$94B PER YEAR WE CAN:

+ Create millions of jobs

+ Protect another 1.1 million jobs

+ Save nearly 2 billion hours in travel time

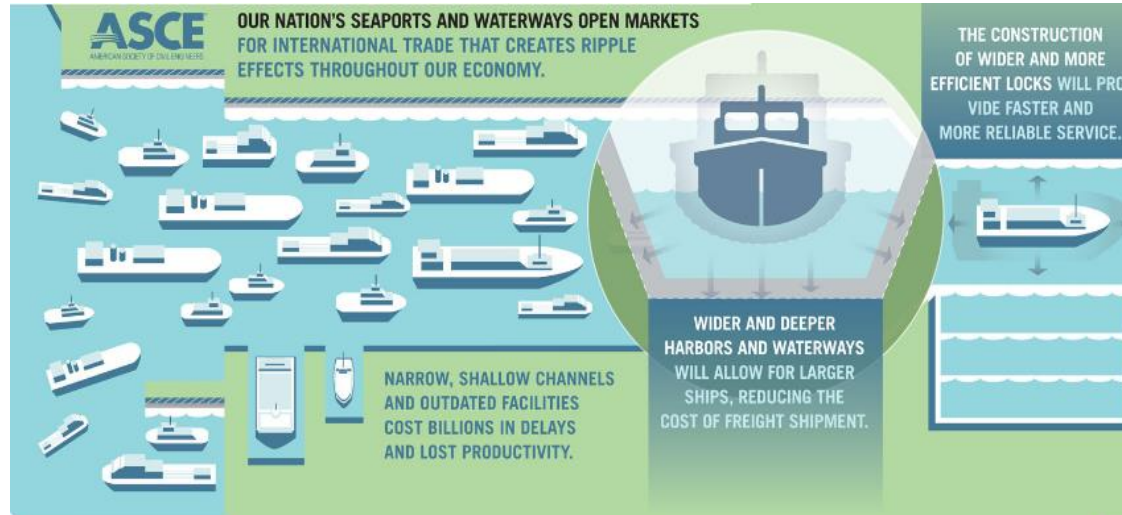
+ Save each family \$1,060 per year

+ Add \$2,600 in GDP for every person in the U.S.

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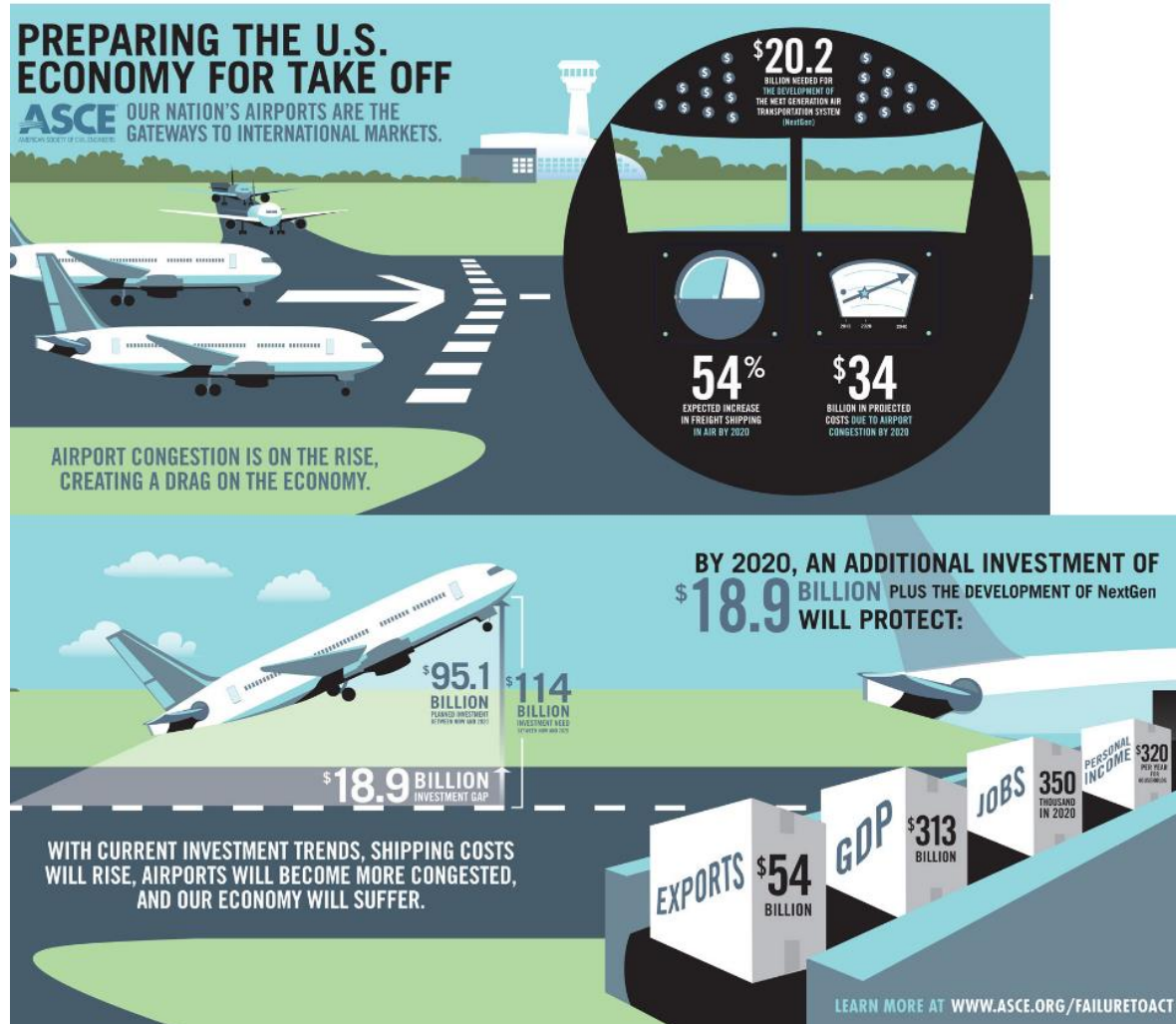
source : ASCE



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ASCE : AIRPORTS, INLAND WATERWAYS, & MARINE PORTS REPORT



source : ASCE

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ASCE : BRIDGING THE WATER INFRASTRUCTURE GAP

BY INVESTING AN ADDITIONAL \$84B
WE CAN PREVENT:

\$147B
Increased Costs to
BUSINESSES

\$59B
Increased Costs to
HOUSEHOLDS

By 2020, family
budgets will be squeezed by
\$900
as water rates rise and
personal income falls.

**AND
PROTECT:**

+ Almost
700,000 jobs

+ \$541B in
personal income

+ \$416B
in GDP

+ \$6B in U.S.
exports

Learn more at www.asce.org/failuretoact

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source : ASCE

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ASCE : TO MEET FUTURE ELECTRICITY NEEDS

BY INVESTING AN ADDITIONAL \$11B PER YEAR
WE CAN PREVENT
BLACKOUTS AND BROWNOUTS THAT WILL COST:

Businesses
\$126B
Households
\$71B

NEW INVESTMENTS
CAN PROTECT:

529,000
jobs

\$656B
in personal income

\$496B
in GDP

\$10B
in U.S. exports

source : ASCE



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our economy is in crisis

- **Our economy is in crisis and Infrastructure will cost billions**
Yes, but diverting investments would only create new problems down the line.
- **The economic boost and extra capacity that Infrastructure is bringing is badly needed.**
And backing out would've shown the short-termism that got us into an economic mess.

