



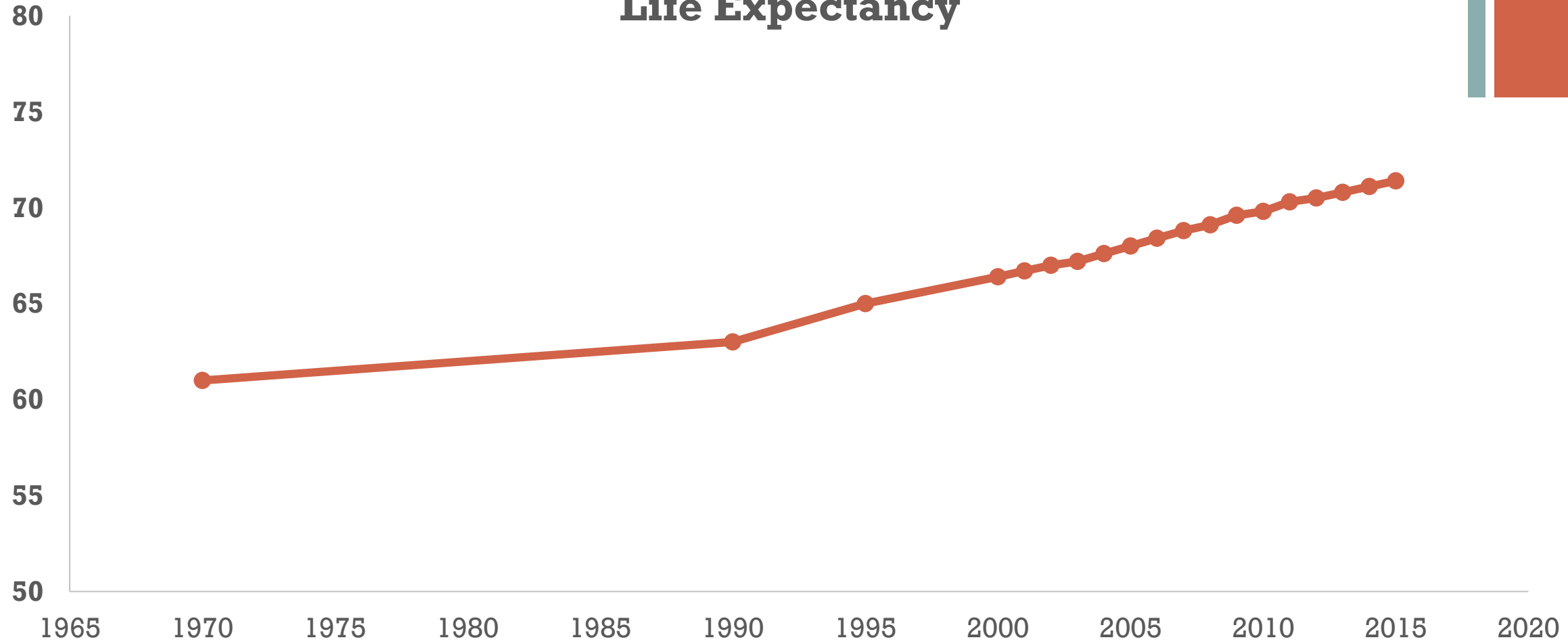
# Global Health in the 21<sup>st</sup> Century: A Paradigm Shift of the World's Health

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The world is getting healthier

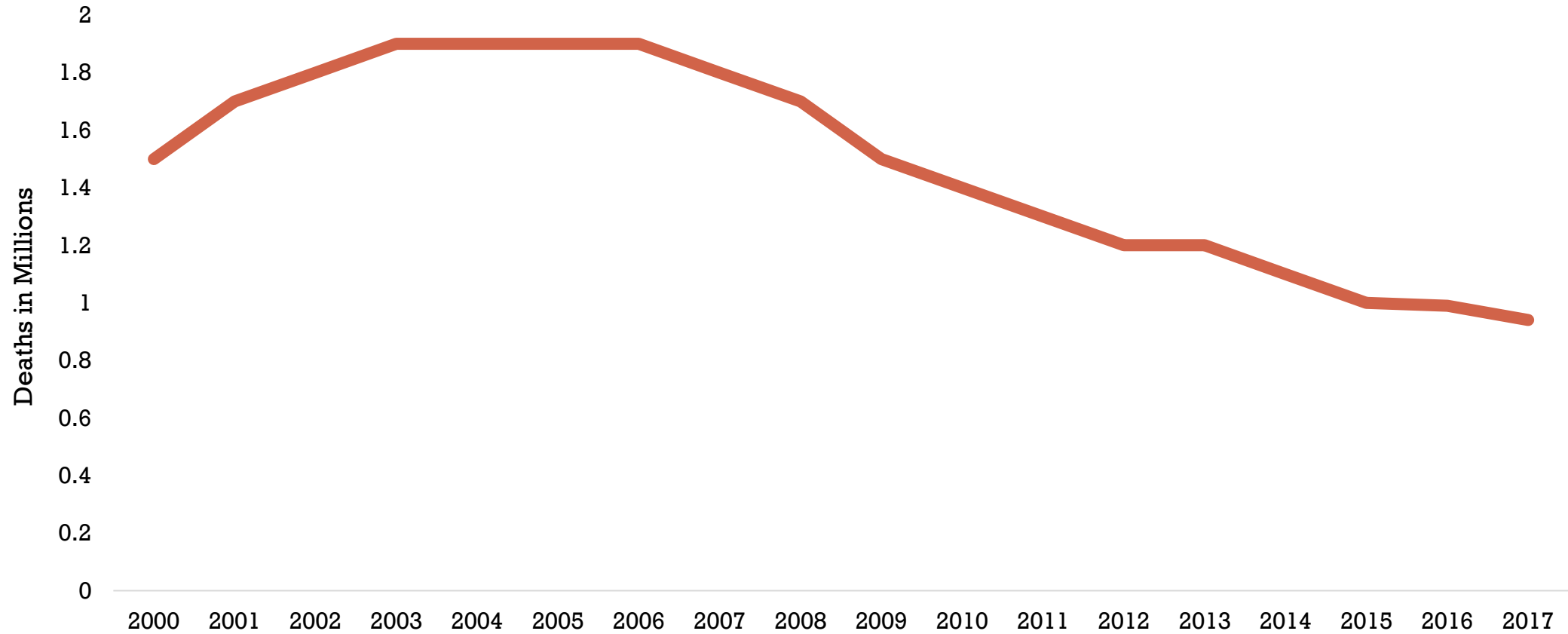


# Life Expectancy



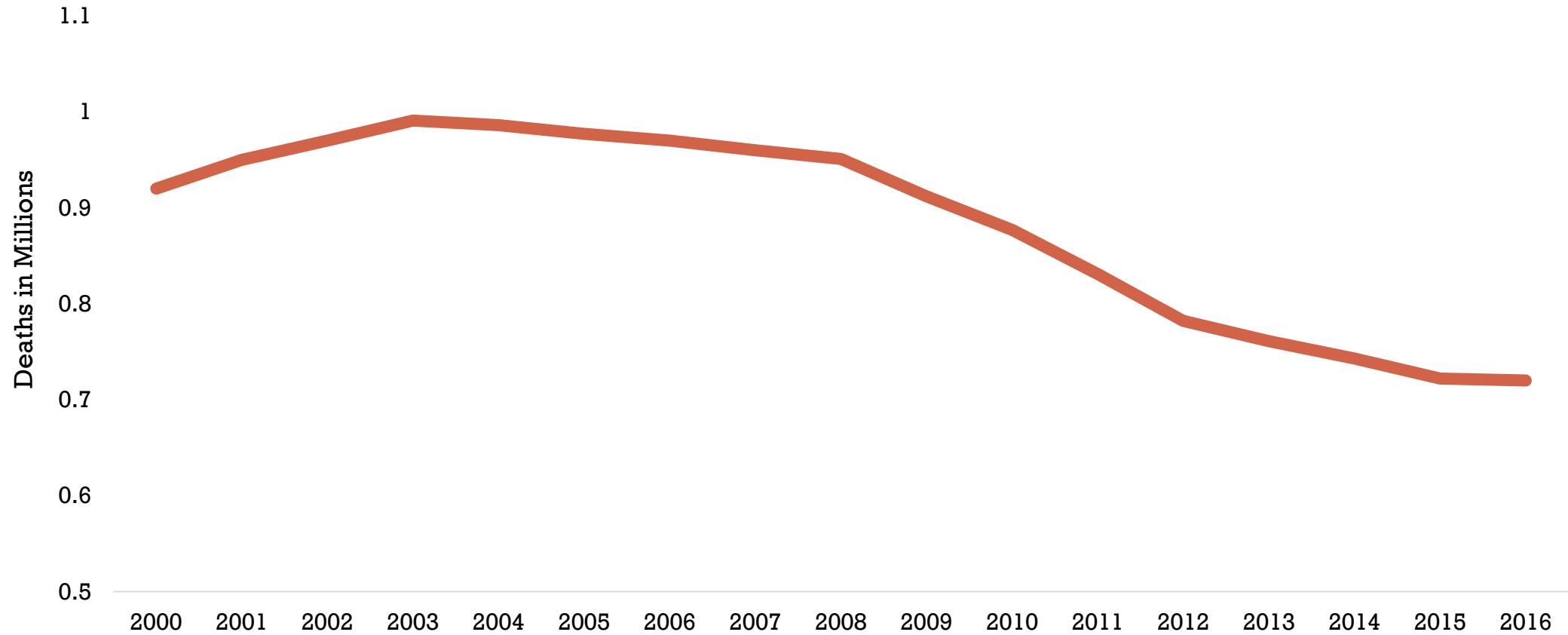


# Global AIDS-related deaths, 2000-2017





# Global malaria deaths, 2000-2016





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Things are getting better

## + Why the success?

- Great gains in knowledge – new evidence, data
- Major priority of governments, foundations
- Global institutions like WHO, Global Fund, etc.





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But the world is changing

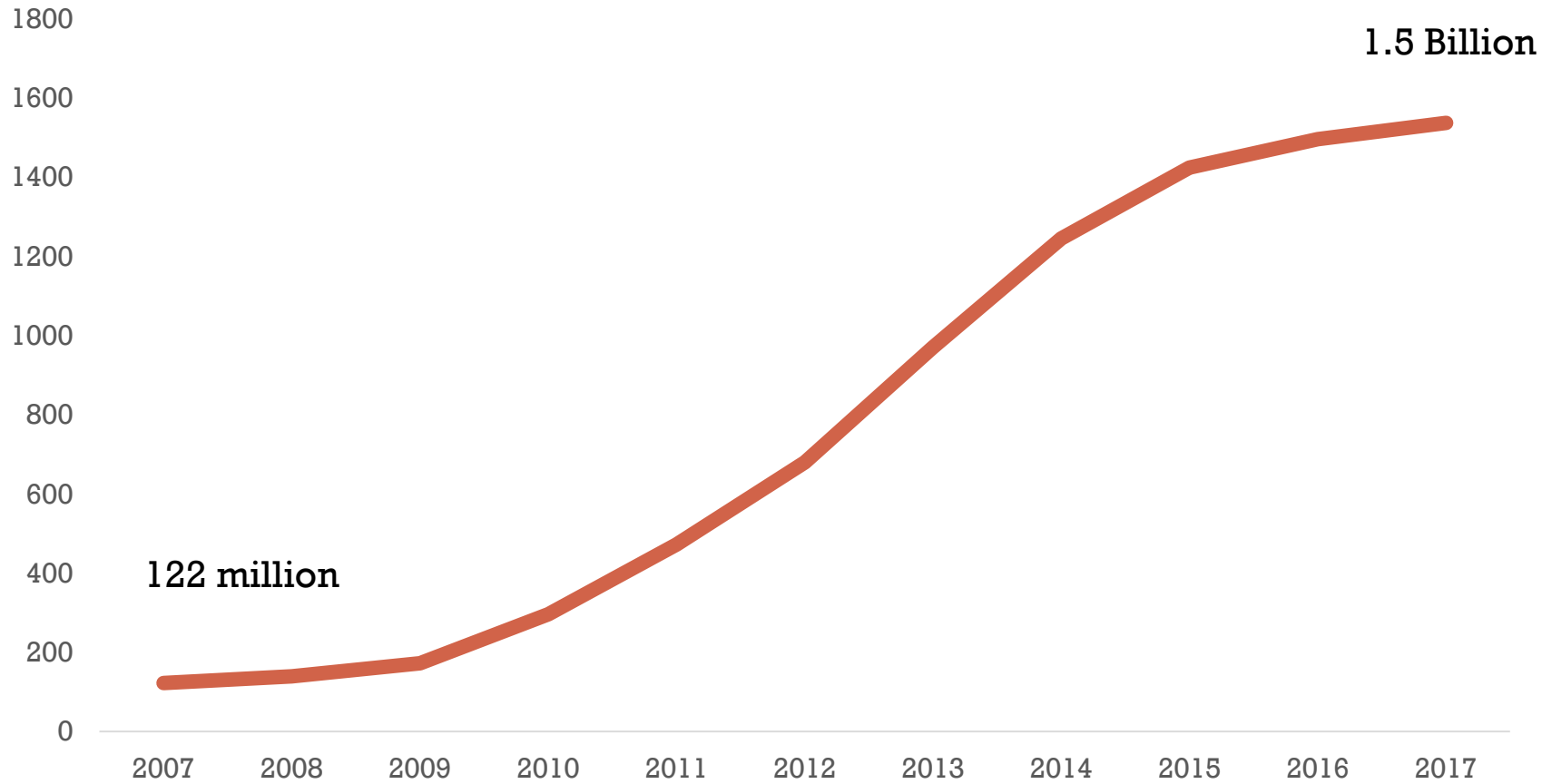


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Technology



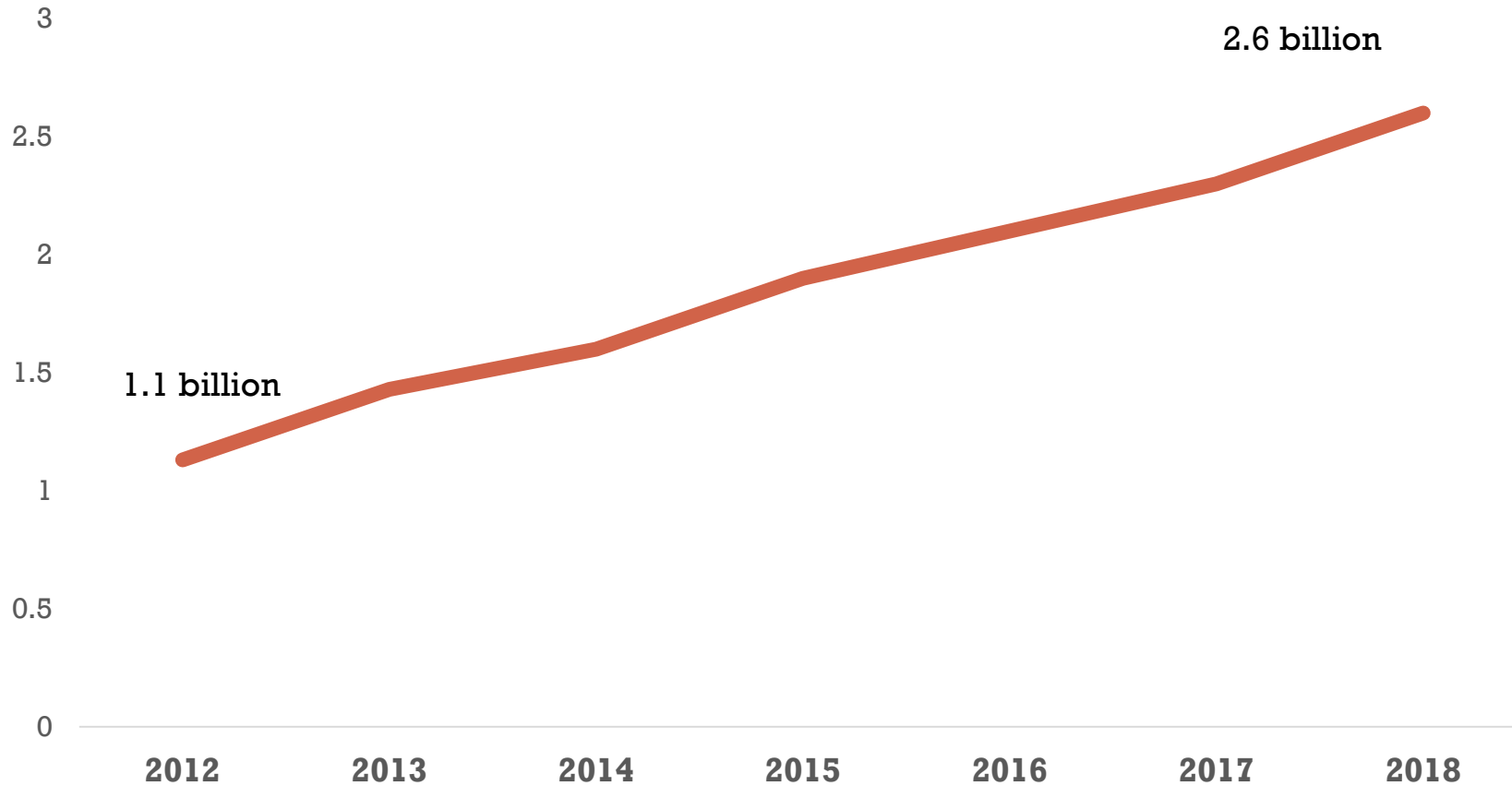
# Smartphone sales are growing rapidly



# + Smart phone use is growing rapidly



Number of Smart Phone Users, Billions



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So what does this mean?

# + So what does this mean?

- Knowledge has become democratized
  - No longer a source of power and privilege
- Value will come from:
  - Analysis and Insight
  - Implementation and action



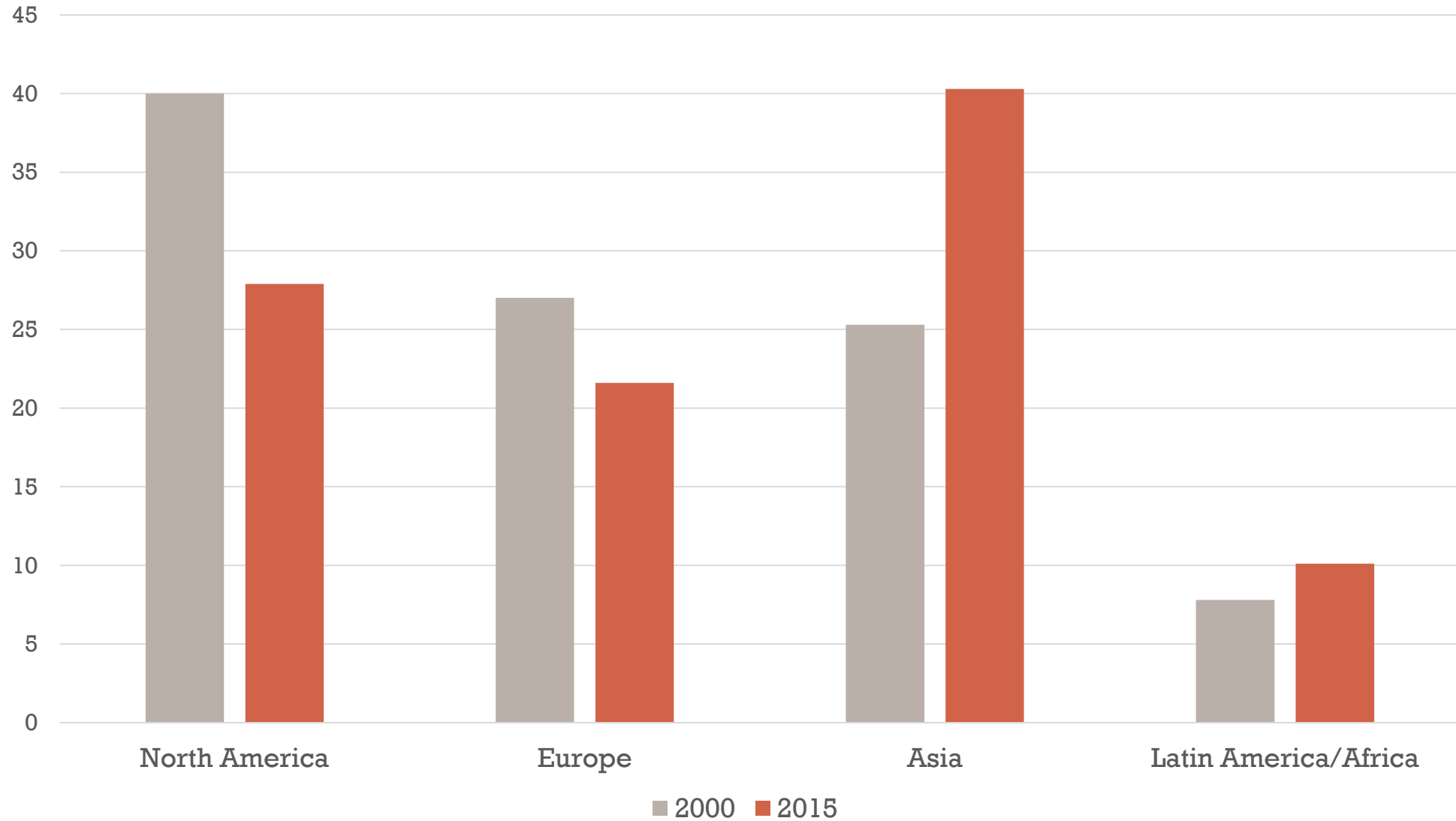


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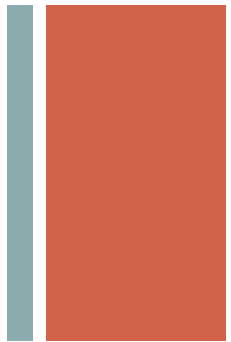
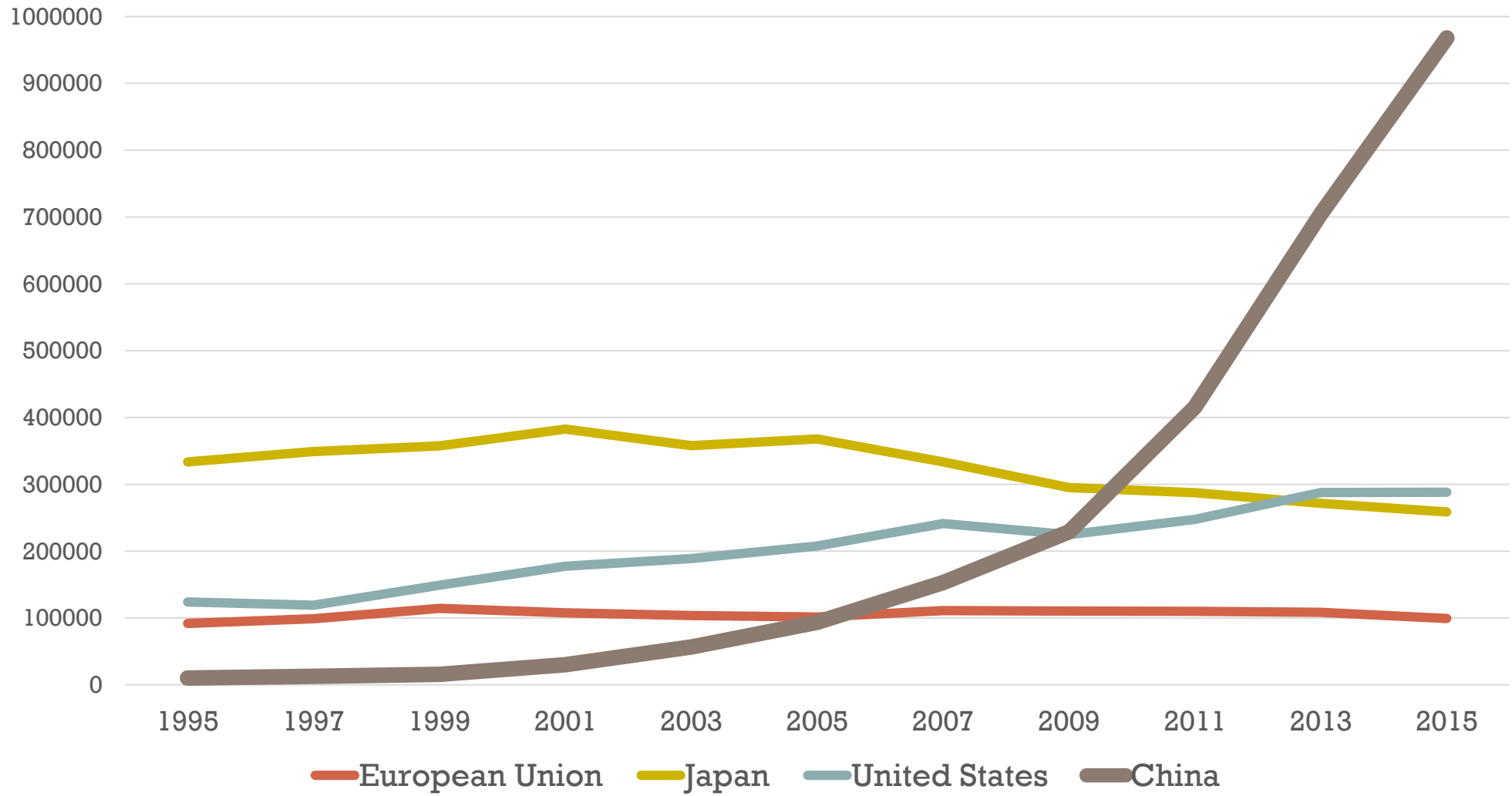
# Global Sources of Innovation



# Percent of Global R&D Spending: 2000 vs. 2015



# + Patent Applications, 1995-2015





# + Toward a multipolar landscape

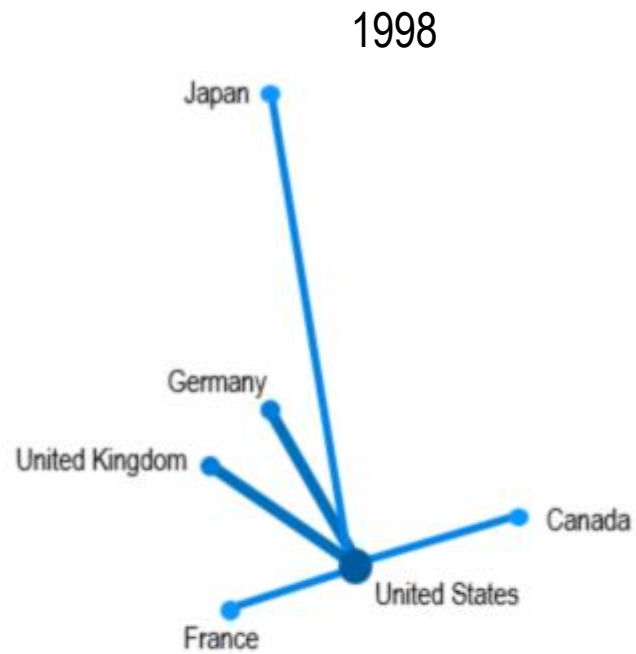
Whole counts of internationally co-authored documents

1998



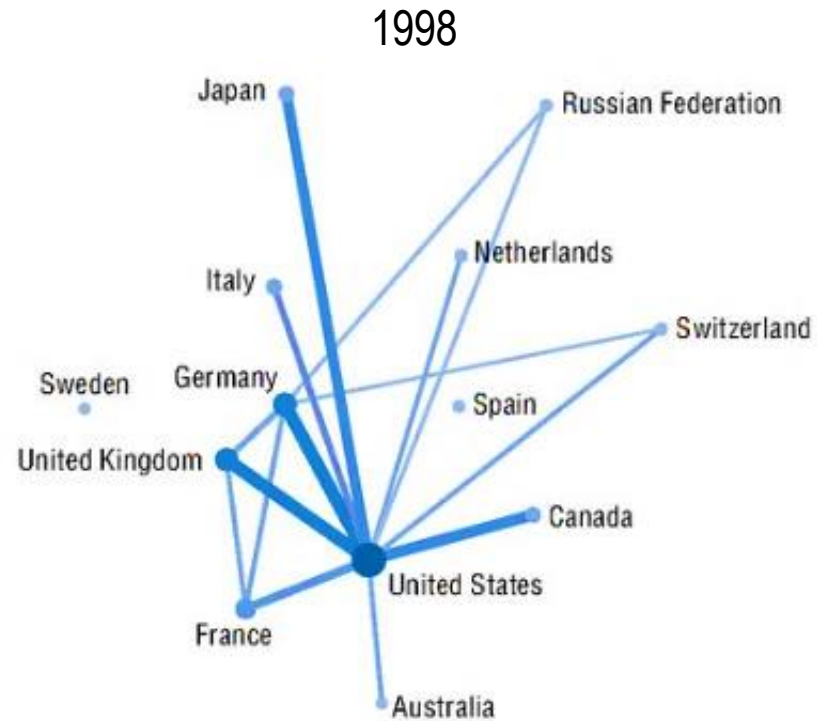
# + Toward a multipolar landscape

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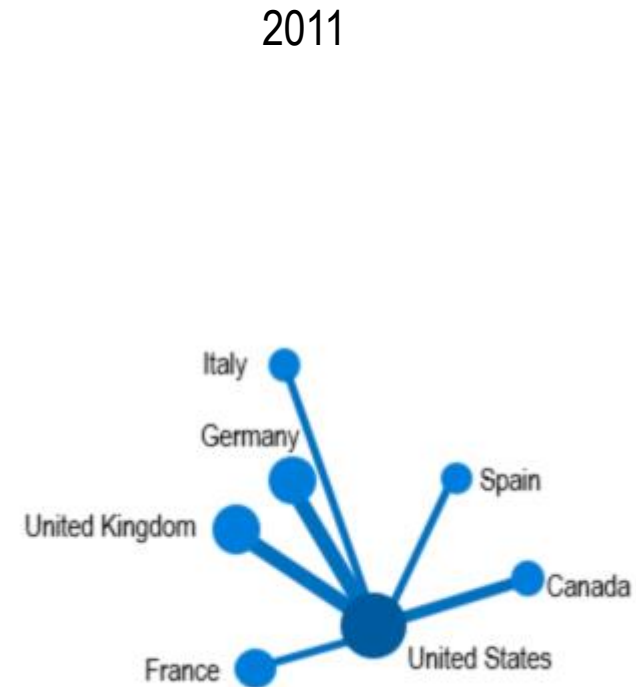
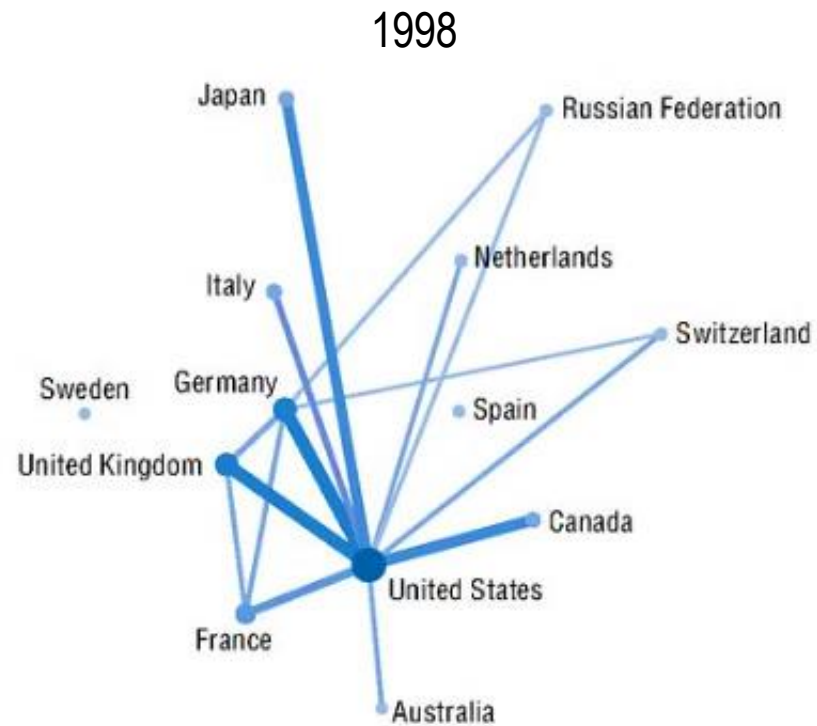
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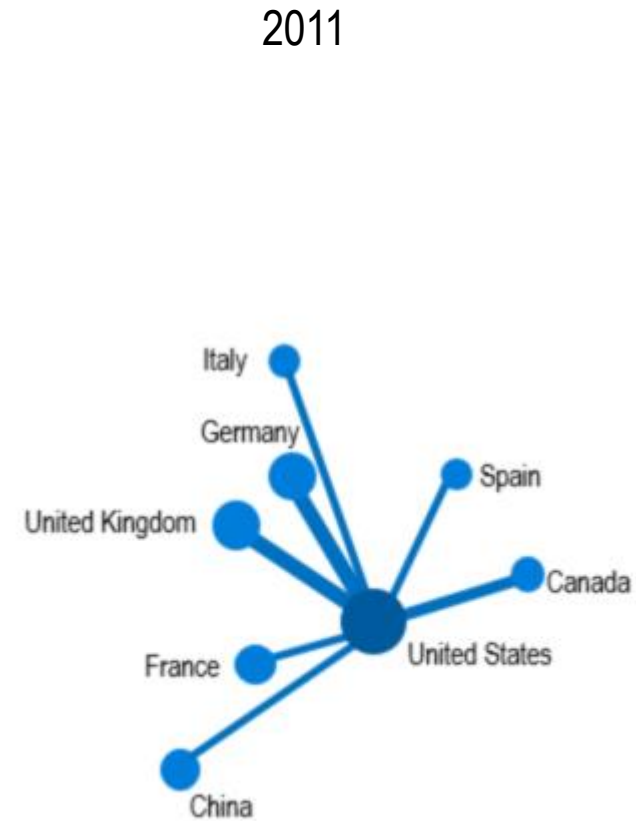
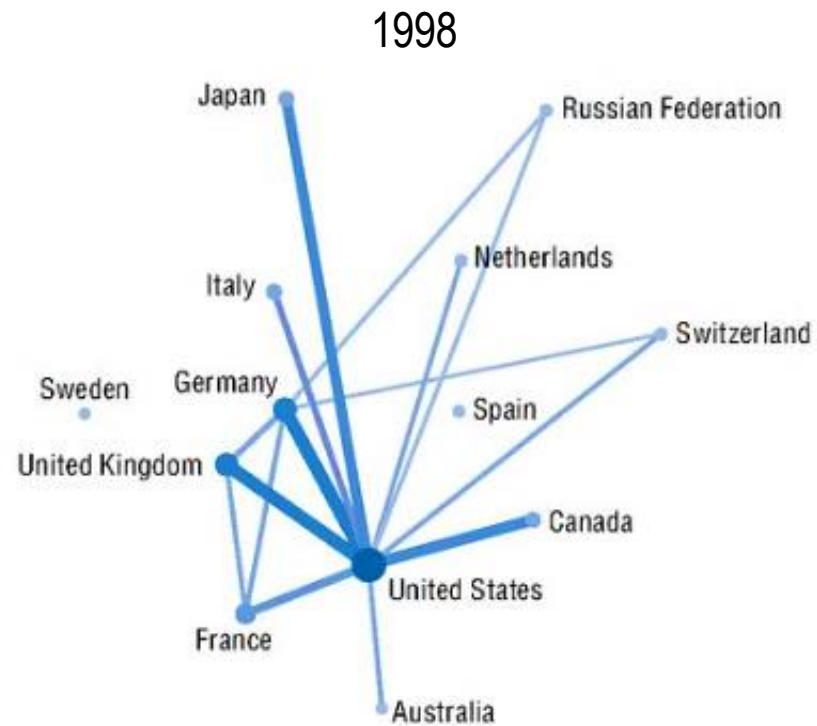
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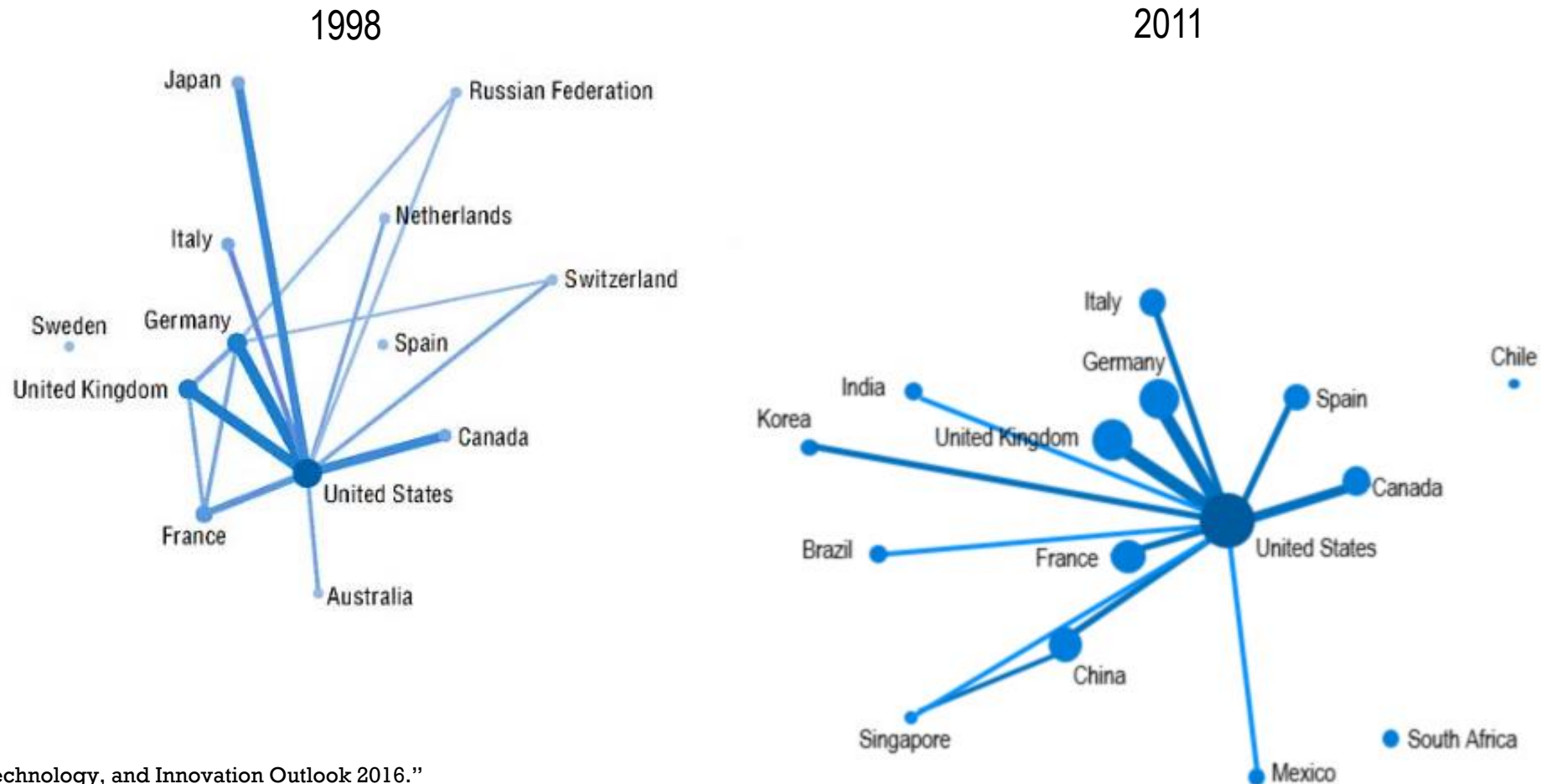
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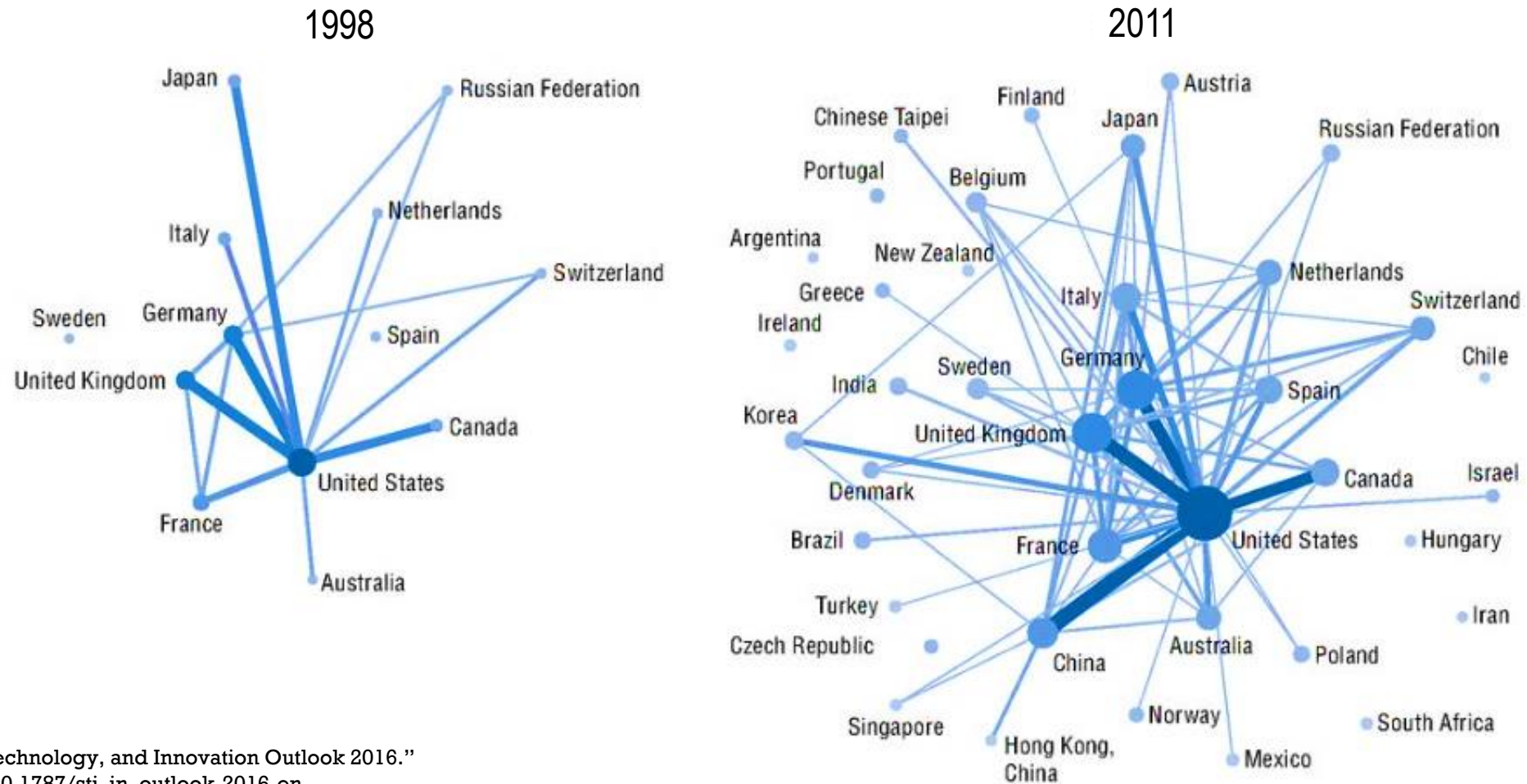
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So what does this mean?



## + So what does this mean?

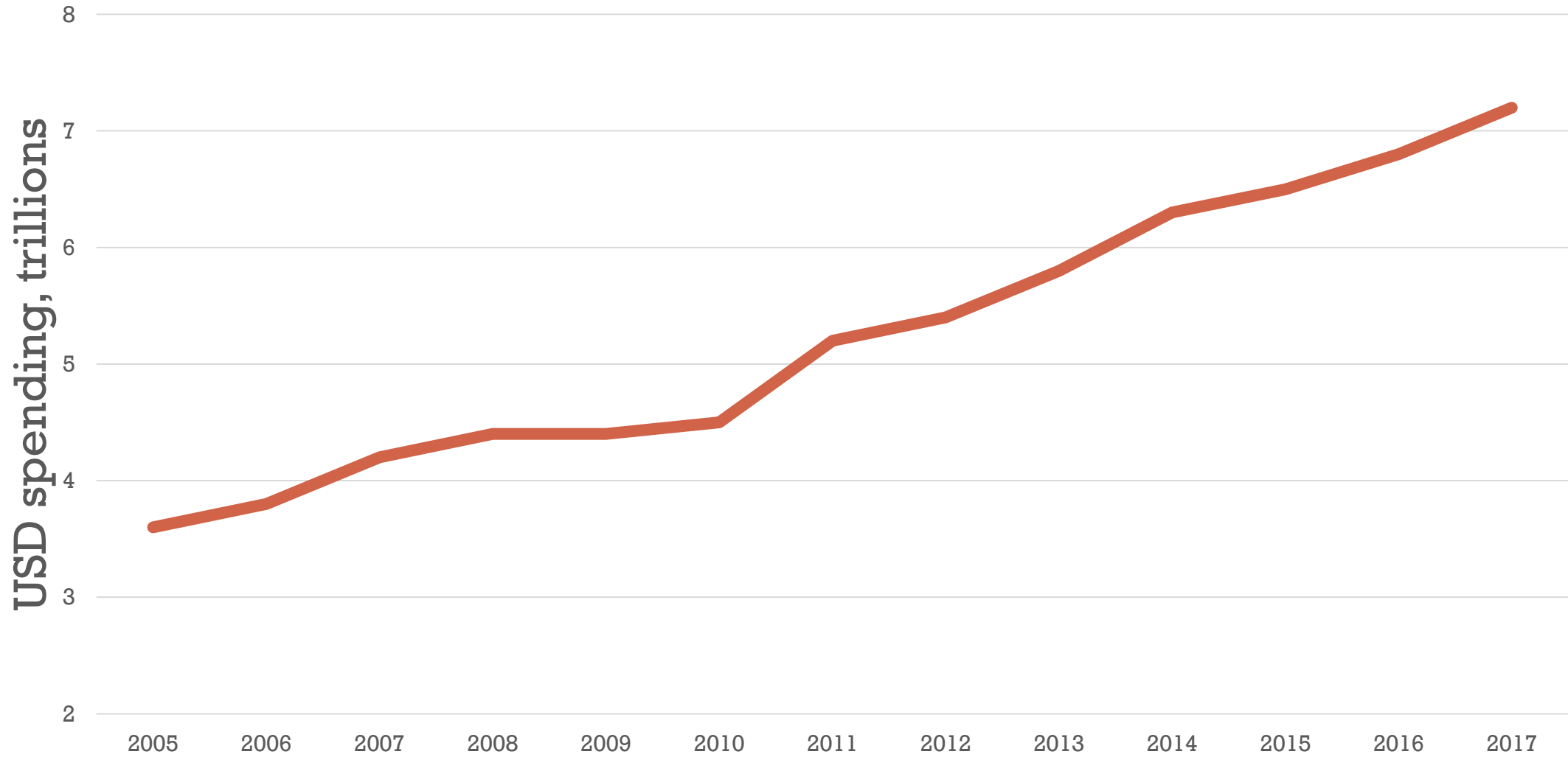
- Innovation and knowledge generation global
- US, Europe still important
- But the best work will come from partnerships
- World will be intellectually multipolar



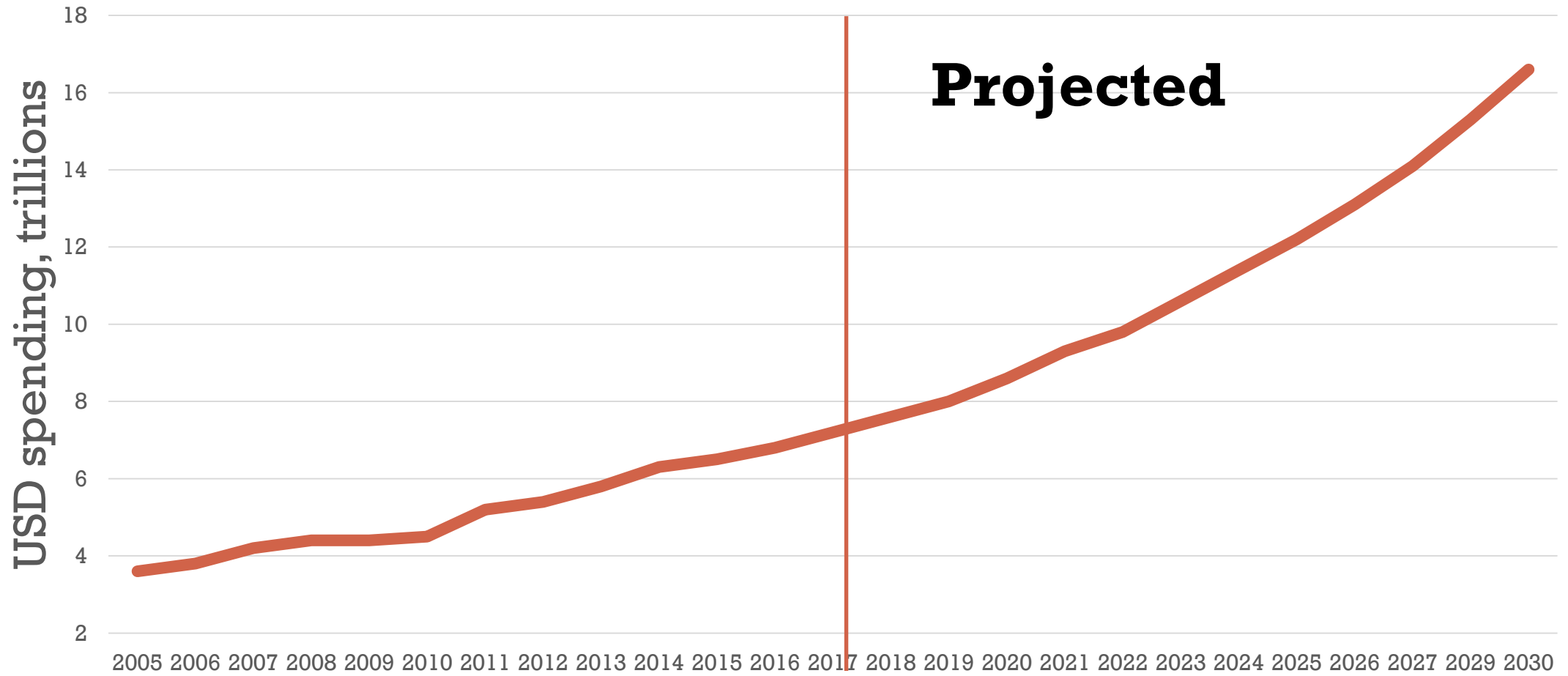
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Insatiable demand for healthcare

# + Global spending on health



# + Global spending on health



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So what does this mean?

## + So what does this mean?

- Public sector will not be able, alone, to meet the needs and desires of their public
- Private sector will play an increasingly large role
- Public-private cooperation will need to be the norm
  - Governments, WHO, philanthropies still important
  - Private sector will become increasingly so



+ So how do we ensure the future we want?



# Building a great future for global public health



- Enable greater transparency, openness
- Focus on insights and turn them into action
- Encourage more collaboration
- Greater engagement with the private sector
- Proper role of government
  - Setting the rules
  - Helping to reduce inequities





## Building a great future for global public health

- The future of global public health is bright
- We need to make sure we do our part to make it so





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Thank you