

*Supply side of technology has a particular way of looking at «problems»*

*«Get “chip guys” together with “engine guys” to develop the clean, software-rich car of the future. Such breakthroughs happen only when conventional wisdom is ignored and cross-fertilization encouraged; “managed conflict”...»*

Vinod Koshla –

from 'Something New Under The Sun', The Economist October 11th, 2007

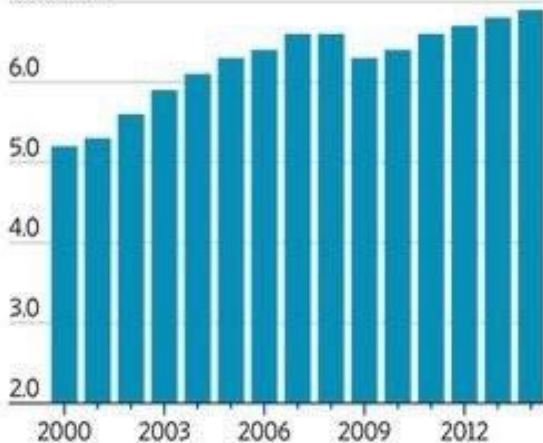
*We definitely need more systems-thinking than product/services-thinking.*

*The cities are the future of innovation and productivity*

### Wasted Time

Total commuter delays due to rush-hour traffic by year in the U.S., in hours

7.0 billion



\*Estimated value of time lost and fuel consumed due to travel delays.

Source: Texas A&M Transportation Institute and Inrix, 2015 Urban Mobility Scorecard

### The Most Congested U.S. Cities

The annual toll of rush-hour delays per commuter, 2014

Metro area	Hours of delay	Excess fuel (gallons)	Congestion cost*
Washington, D.C.-Va.-Md.	82	35	\$1,834
Los Angeles-Long Beach-Anaheim	80	25	\$1,711
San Francisco-Oakland	78	33	\$1,675
New York-Newark, N.Y.-N.J.-Conn.	74	35	\$1,739
San Jose, Calif.	67	28	\$1,422
Boston, Mass.-N.H.-R.I.	64	30	\$1,388
Seattle	63	28	\$1,491
Chicago, Ill.-Ind.	61	29	\$1,445
Houston	61	29	\$1,490
Riverside-San Bernardino, Calif.	59	18	\$1,316

THE WALL STREET JOURNAL.

*82 hours is probably what an average driver suffers in a couple of weeks in Istanbul!*

*What is a car?*



Our legacy determines our perception and acceptance of new technology.

*Working in an office*  
*Driving to work everyday*  
*Having meetings...*

*A 'hardware as a service' model emerging?*



Fast Company  
@FastCompany

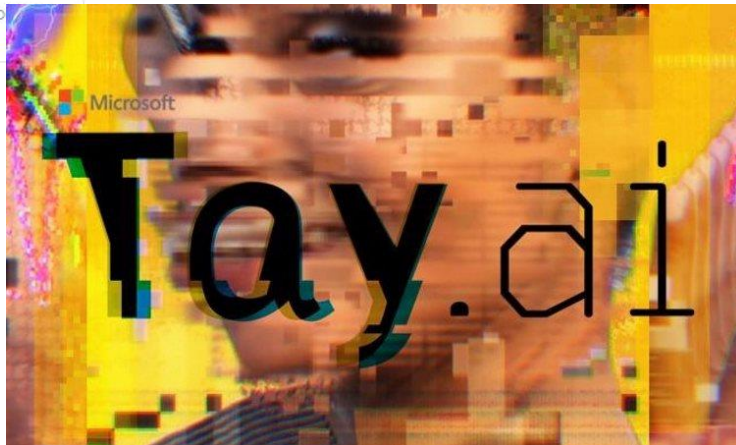
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VW's fraud reveals a troubling future: our machines can now lie: [f-st.co/2W6SwAJ](https://f-st.co/2W6SwAJ)



RETWEETS  
37

FAVORITES  
12



*Technology is how we build  
things as humans, it reflects us*

Technology is getting smarter towards ultimate intelligence but may never reach consciousness.

Machines talk and learn from each other. Moral decisions?  
No international standards and oversight. Gullible machines.



*Is technology really making a difference in our lives?*

*Do we deserve the respect we demand?*



A few real points where technology touches and makes a difference in our lives to improve quality.

An escalating negative public perception towards the select privileged few.



*Dimensions of the challenges are the biggest  
hurdle for disruptive solutions*

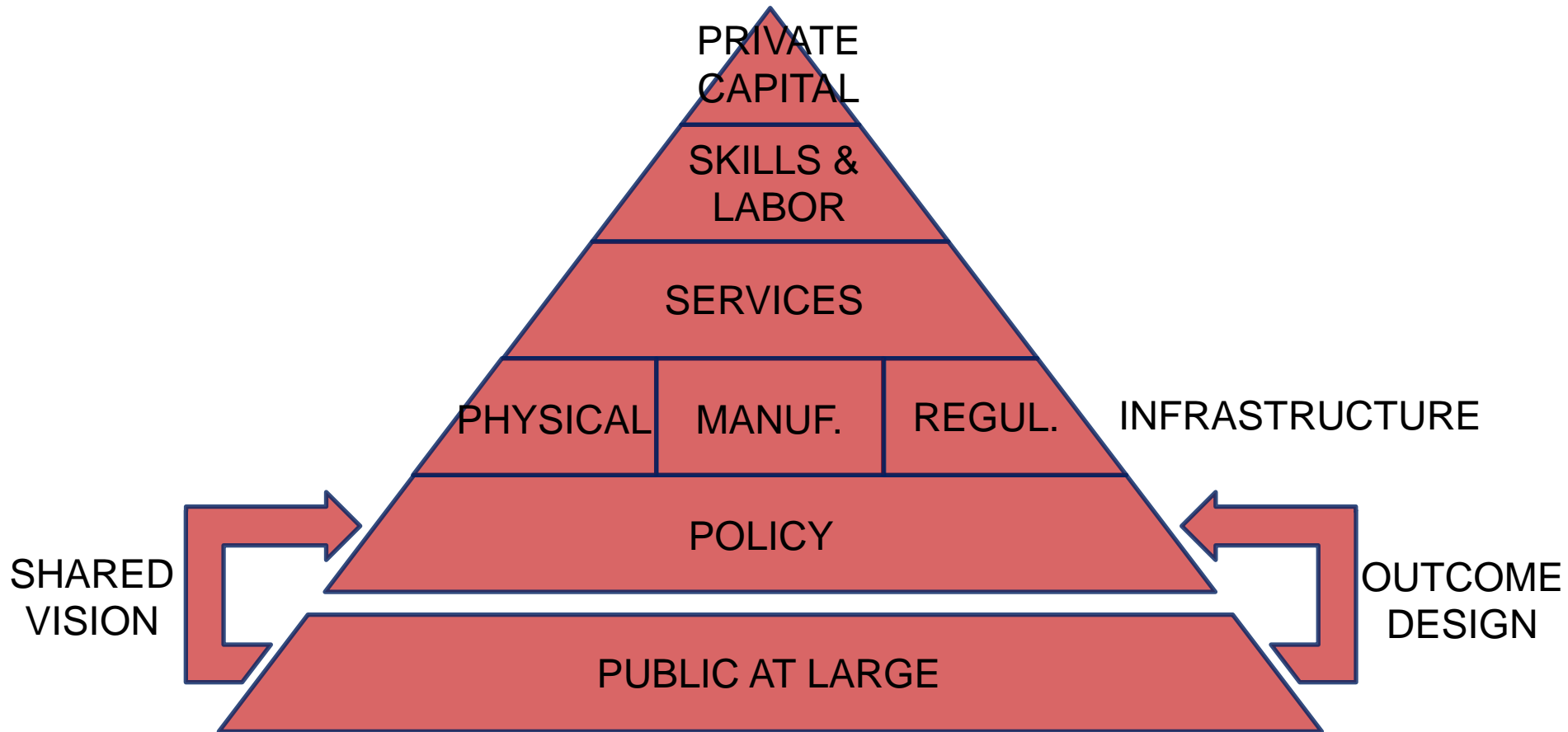


More jobs for mediocre  
skills.



More tax revenue  
Mega infrastructure projects.

*A new design centric policy cycle is needed to fix the disconnect*



*States can,*

- Raise awareness on grand challenges and facilities technology provides to alleviate them.
- Get public's involvement in developing solutions, crowdsourcing through special community creativity hubs.
- Involve investors, entrepreneurs and big companies to implement the solutions.
- Empower solutions through direct and consistent public behavior. Be authentic.