# US-CHINA TENSIONS THE END OF THE BEGINNING

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## ARC OF CHINESE AMBITION (1949-2049)



"Stand Up"

MAO ZEDONG



"Get Rich"

DENG XIAOPING



"Get Powerful"

XI JINPING

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## MADE IN CHINA 2025: Global Tech Leadership

**5M** 

**Electrics** 

#1

5G



L4/5

Autonomous

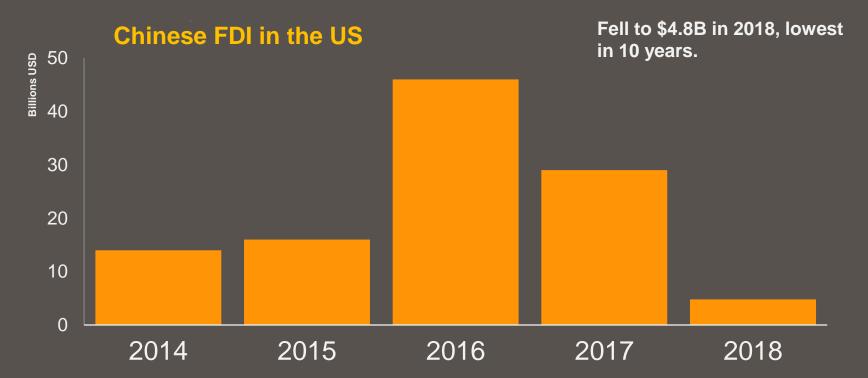
#1

Robotics

## **Chinese** Auto & Auto-Tech Investments



## INVESTMENTS JUMP THEN HIT A (US) WALL



Source: Rhodium Group

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## TRADE WAR: IT'S NOT ABOUT TRADE

THIS CLASH HAS BEEN BUILDING UP FOR A LONG TIME

USA	Capitalist Democracy With Global (Military and Soft)     Power and Influence
China	One-Party Rule With Ambitions to Expand Global Power and Influence

Global companies in China are looking to shift supply chains (Apple) and or selling out (Carrefour to Suning) or struggling to compete (Ford, down 50% since 2016 peak)

## What To Do: Adjust to the "New Era"

- Massive overcapacity finally bites. Export or move supply chain out.
- · Autonomous, connected, electric and shared technologies hot.
- Chinese still coming to US in fits and starts.
- Tensions plan on them for 10-20 more years.



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"ACES" STRATEGIC RESEARCH

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### IRRESISTIBLE FORCE (TRUMP) VS IMMOVABLE OBJECT (CHINA)

"THE WORST US-CHINA RELATIONS IN 40 YEARS" SUSAN SHIRK, ORVILLE SCHELL "THE IDEA OF A US-CHINA RELATIONSHIP HAS COLLAPSED" GRAHAM ALLISON



## **Belt and Road Initiative - Global Influence**



- 1700 projects
- 68 countries
- 65% of humanity
- 40% global GDP
- \$1 trillion budget
- \$200 billion spent

#### CHINESE TECH BASE CAMPS IN CALIFORNIA

Navinfo - Cupertino

Roadstar AI - Cupertino

Beijing EV - Fremont

Gotion - Fremont

Pony.ai - Fremont

**Innovusion - Los Altos** 

BYD NA - Los Angeles

Faraday Future - Los Angeles

Geely Design - Los Angeles

**SAIC Capital Menlo Park** 

Karma Auto Moreno Valley



Didi Labs - Mountain View

**Lucid Motors - Newark** 

Tencent - Palo Alto

TuSimple - San Diego

AutoX - San Jose

NIO - San Jose

Deep Map - Santa Clara

**BYTON - Santa Clara** 

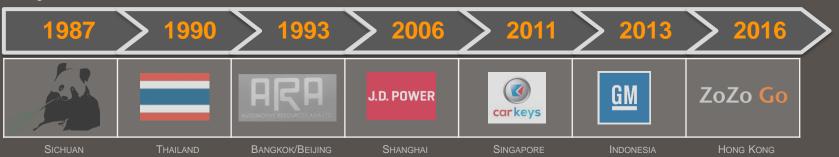
Seres - Santa Clara

Baidu - Sunnyvale

WeRide - Sunnyvale



#### 30 years in Asia



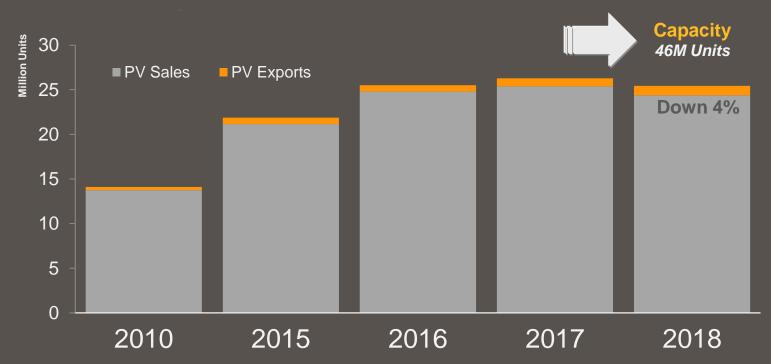
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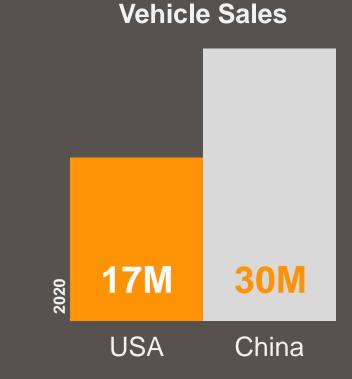
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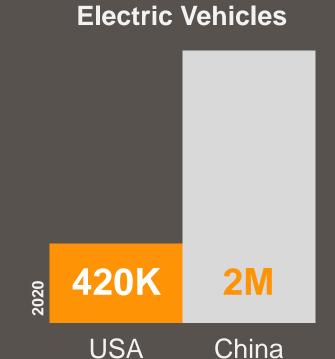
## **New Realities: Slowing Home Market**



Source: LMC Automotive, ZoZo Go Analysis

## SCALE CHINA HAS IT





Source: LMC Automotive, ZoZo Go Analysis

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## Regulation Directs the Industry

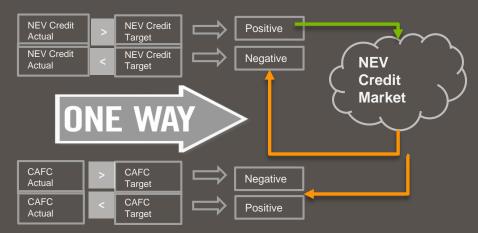
Subsidy (decreasing) co-exists with credit/quota system (increasing).

Subsidy from both central and local government

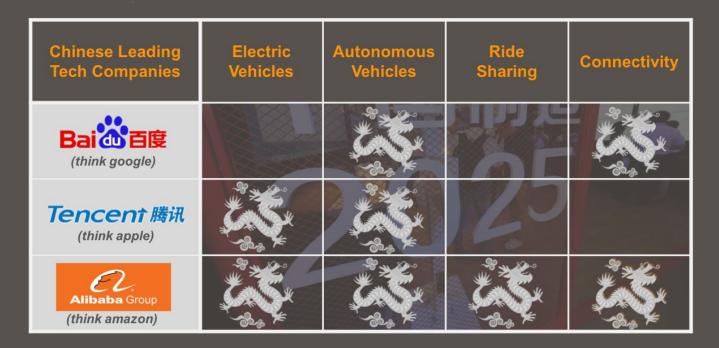
- Local subsidy in most cities are equal or less than central government
- Subsidy from both central and local government will end by 2020
- CAFC & NEV credit system will replace the subsidy system, but will coexist to 2020.

#### **CAFC&NEV** credits system effect

- CAFC target in 2020 5L/100Km) is achievable, however, it is hard to reach 4L/100Km in 2025 according to current technologies.
- The NEV percentages (8%, 10%, 12%) set by MIIT are controversial.
- Mandatory scheme for legal entities with:
  - > Over 30,000 units per year (NEV)
  - > Over 2,000 units per year (CAFC)



## **Technology** China's Tech Giants Invest in the Automotive Industry 2.0.



## CHINA CAR INDUSTRY EVOLUTION: 1980-2020

