

# GAME ON OR GAME OVER?

## The State of the AI Race

Artificial Intelligence (AI) technologies are expected to contribute up to \$16 trillion to the global economy by 2030 – more than the current output of China and India combined.<sup>1</sup> But with Russian President Vladimir Putin declaring “whoever becomes the leader in [AI] will become the ruler of the world”<sup>2</sup> and China vying to “lead the world” in AI by 2030, which countries are poised to reap the rewards? This infographic compares AI ecosystems and strategies of three heavy hitters: China, the United States and Europe.

**Number of  
AI Companies (2017)**

**Share of Worldwide  
AI Investment (2016)<sup>9</sup>**

**Number of Internet  
Users (2017)**



**709<sup>7</sup>**

**17%**

**731<sup>3</sup>  
million**

### CHINA

- Become the world leader in AI by 2030
- Build a \$150 billion AI industry<sup>12</sup>



**2905<sup>6</sup>**

**66%<sup>10</sup>**

**272<sup>4</sup>  
million**

### UNITED STATES

- Make long-term investments in AI research and development
- Promote collaboration between the public and private sectors
- Invest to mitigate social and labor disruptions caused by AI<sup>11</sup>



**409<sup>8</sup>**

**14,5%**

**506<sup>5</sup>  
million**

### EUROPE

- Weigh the ethical, social, and labor ramifications of AI
- EU strategy on robotics and AI: Q1 2018<sup>13</sup>

### AI STRATEGY PRIORITIES

<sup>1</sup> <http://www.businessinsider.com/alibaba-baidu-and-tencent-chinas-powerhouses-focus-on-ai-to-surpass-the-us-2017-11>

<sup>2</sup> <https://www.foreignaffairs.com/articles/china/2017-12-05/artificial-intelligence-and-chinese-power>

<sup>3</sup> <https://www.statista.com/statistics/325645/usa-number-of-internet-users/>

<sup>4</sup> <https://www.techinasia.com/china-731-million-internet-users-end-2016>

<sup>5</sup> <http://www.internetworldstats.com/stats9.htm>

<sup>6</sup> <http://www.scmp.com/tech/article/2077845/future-here-china-sounds-clarion-call-ai-funding-policies-surpass-us>

<sup>7</sup> <http://www.scmp.com/tech/article/2077845/future-here-china-sounds-clarion-call-ai-funding-policies-surpass-us>

<sup>8</sup> <https://medium.com/cityai/the-european-artificial-intelligence-landscape-more-than-400-ai-companies-build-in-europe-bd17a3d499b>

<sup>9</sup> <https://www.mckinsey.com/business-functions/mckinsey-analytics/our-insights/how-artificial-intelligence-can-deliver-real-value-to-companies>, According to the McKinsey Institute’s report artificial intelligence: the next digital frontier?, ‘external investment’ estimates consist of annual VC investment in AI-focused companies, PE investment in AI-related companies, and M&A done by corporations.”

<sup>10</sup> <http://www.businessinsider.com/alibaba-baidu-and-tencent-chinas-powerhouses-focus-on-ai-to-surpass-the-us-2017-11>

<sup>11</sup> <http://foreignpolicy.com/2017/09/08/china-is-using-americas-own-plan-to-dominate-the-future-of-artificial-intelligence/>

<sup>12</sup> <http://www.scmp.com/tech/innovation/article/2118276/artificial-intelligence-and-big-data-will-be-growth-drivers-chinas>

<sup>13</sup> [https://ec.europa.eu/commission/commissioners/2014-2019/ansip/blog/making-most-robotics-and-artificial-intelligence-europe\\_en](https://ec.europa.eu/commission/commissioners/2014-2019/ansip/blog/making-most-robotics-and-artificial-intelligence-europe_en)