

H. Res. 847

In the House of Representatives, U. S.,

September 12, 2016.

Whereas the Internet of Things currently connects tens of billions of devices worldwide and has the potential to generate trillions of dollars in economic opportunity;

Whereas increased connectivity can empower consumers in nearly every aspect of their daily lives, including in the fields of agriculture, education, energy, healthcare, public safety, security, and transportation, to name just a few;

Whereas businesses across the economy can simplify logistics, cut costs in supply chains, and pass savings on to consumers because of the Internet of Things and innovations derived from it;

Whereas the Internet of Things, through augmented data collection and process analyses, optimizes energy consumption by increasing energy efficiency and reducing usage and demand;

Whereas the United States should strive to be a world leader in smart cities and smart infrastructure to ensure its citizens and businesses, in both rural and urban parts of the country, have access to the safest and most resilient communities in the world;

Whereas the United States is the world leader in developing the Internet of Things technology, and with a national

strategy guiding both public and private entities, the United States will continue to produce breakthrough technologies and lead the world in innovation;

Whereas the evolution of the Internet of Things is a nascent market, the future direction of which holds much promise;

Whereas businesses should implement reasonable privacy and cybersecurity practices and protect consumers' personal information to increase confidence, trust, and acceptance of this emerging market;

Whereas the Internet of Things represents a wide range of technologies, in numerous industry sectors and overseen by various governmental entities; and

Whereas coordination between all stakeholders of the Internet of Things on relevant developments, impediments, and achievements is a vital ingredient to the continued advancement of pioneering technology: Now, therefore, be it

Resolved, That it is the sense of the House of Representatives that—

(1) the United States should develop a national strategy to encourage the development of the Internet of Things in a way that maximizes the promise connected technologies hold to empower consumers, foster future economic growth, and improve the Nation's collective social well-being;

(2) the United States should prioritize accelerating the development and deployment of the Internet of Things in a way that recognizes its benefits, allows for

future innovation, and responsibly protects against misuse;

(3) the United States should recognize the important role that businesses play in the future development of the Internet of Things and engage in inclusive dialogue with industry and work cooperatively wherever possible;

(4) the United States Government should determine if using the Internet of Things can improve Government efficiency and effectiveness and cut waste, fraud, and abuse; and

(5) using the Internet of Things, innovators in the United States should commit to improving the quality of life for future generations by developing safe, new technologies aimed at tackling the most challenging societal issues facing the world.

Attest:

Clerk.