Smart City Award

Award Criteria: A smart city is an urban area that uses different types of electronic methods and sensors to collect data. Insights gained from that data are used to manage assets, resources and services efficiently; in return, that data is used to improve the operations across the city (ref. Wikipedia). This includes data collected from citizens, devices, buildings and assets that is then processed and analyzed to monitor and manage traffic and transportation systems, power plants, utilities, water supply networks, waste, crime detection, information systems, schools, libraries, hospitals, and other community services. The smart city concept integrates information and communication technology (ICT), and various physical devices connected to the IoT (Internet of things) network to optimize the efficiency of city operations and services and connect to citizens.

Smart city technology allows city officials to interact directly with both community and city infrastructure and to monitor what is happening in the city and how the city is evolving. ICT is used to enhance quality, performance and interactivity of urban services, to reduce costs and resource consumption and to increase contact between citizens and government. Smart city applications are developed to manage urban flows and allow for real-time responses. A smart city may therefore be more prepared to respond to challenges than one with a simple "transactional" relationship with its citizens.

Award #1: Corporations: This award will recognize outstanding Smart City industry solutions, including in digital administration, best industry solutions in civic and community engagement and transparency, including Open Data, city portals, and emergency services, best industry initiatives in the area of digital equity and accessibility including technologies for disability compliance, innovations in accessibility services, public Wi-Fi, and other projects focused on underserved communities, automation and systems integration to measure, monitor, control, and optimize building operations and to use energy in the most efficient and cost-effective way, reducing challenges and costs related to water stress, systemic inefficiency, and water loss while improving asset management and customer services, industry initiatives in the field of transportation, including autonomous cars, connected vehicles, and smart public transit, smart parking, smart infrastructure, intelligent traffic management, multi-modal transport hubs, journey planning and ride-hailing/ride-sharing services.

Award #2: Government authorities This award will recognize outstanding Smart City government projects, including the best projects in digital administration, best projects in civic and community engagement and transparency, including Open Data, city portals, and emergency services, best initiatives in the area of digital equity and accessibility including technologies for disability compliance, innovations in accessibility services, public Wi-Fi, and other projects focused on underserved communities, automation and systems integration to measure, monitor, control, and optimize building operations and to use energy in the most efficient and cost-effective way, reducing challenges and costs related to water stress, systemic inefficiency, and water loss while improving asset management and customer services, initiatives in the field of transportation, including

autonomous cars, connected vehicles, and smart public transit, smart parking, smart infrastructure, intelligent traffic management, multi-modal transport hubs, journey planning and ride-hailing/ride-sharing services.

YOUR NOMINEES (limit three nominations per award category). *Please specify whether the nominee(s) are for the private or public sector category*.

- **Chipside Limited**

REASONS FOR NOMINATION (NOTE: It is important that you make a detailed description of the nominee and why you think the nomination is justified. The absence of a detailed summary of qualifications as they *relate* to the above-mentioned award description will make it difficult for the awards committee to make an appropriate assessment of the candidate):

- **Chipside** - Chipside is a specialist software development company providing products and services to around a quarter of local and regional government traffic authorities in the UK. They have been developing advancements in smart parking technology to maintain personal mobility while achieving net zero, reducing congestion, protecting the economy, both personal and societal. Innovate UK have funded a Knowledge Transfer Partnership (KTP) that will support Chipside Ltd in setting out a strategic systems roadmap to 2025, which brings local government parking, city access, and vehicle movement in line with the ten-point plan set out by local government. The KTP will combine specially developed algorithms with the latest thinking in AI applications. This will enable Chipside Ltd to develop a suite of real-time AI decision services, designed to enable local authorities to better understand and control their regional transport networks.

SUPPORTING INFORMATION: Please send any supporting information to the address above, including information from candidate (i.e. excerpt from program description, web site print-out, press release, etc.)

- Chipside
  - **Chipside Website**
  - **University awarded new KTP with Chipside Ltd to develop AI analysis of driver behaviour**

NOMINEE CONTACT INFORMATION (for award follow up and coordination)
Name/title: **Paul Moorby, CEO Co-Founder, Chipside**
Email: **paul.moorby@chipside.com**
Phone/Mobile: **03454709009**