Understanding Smart Cities: An Integrative Framework

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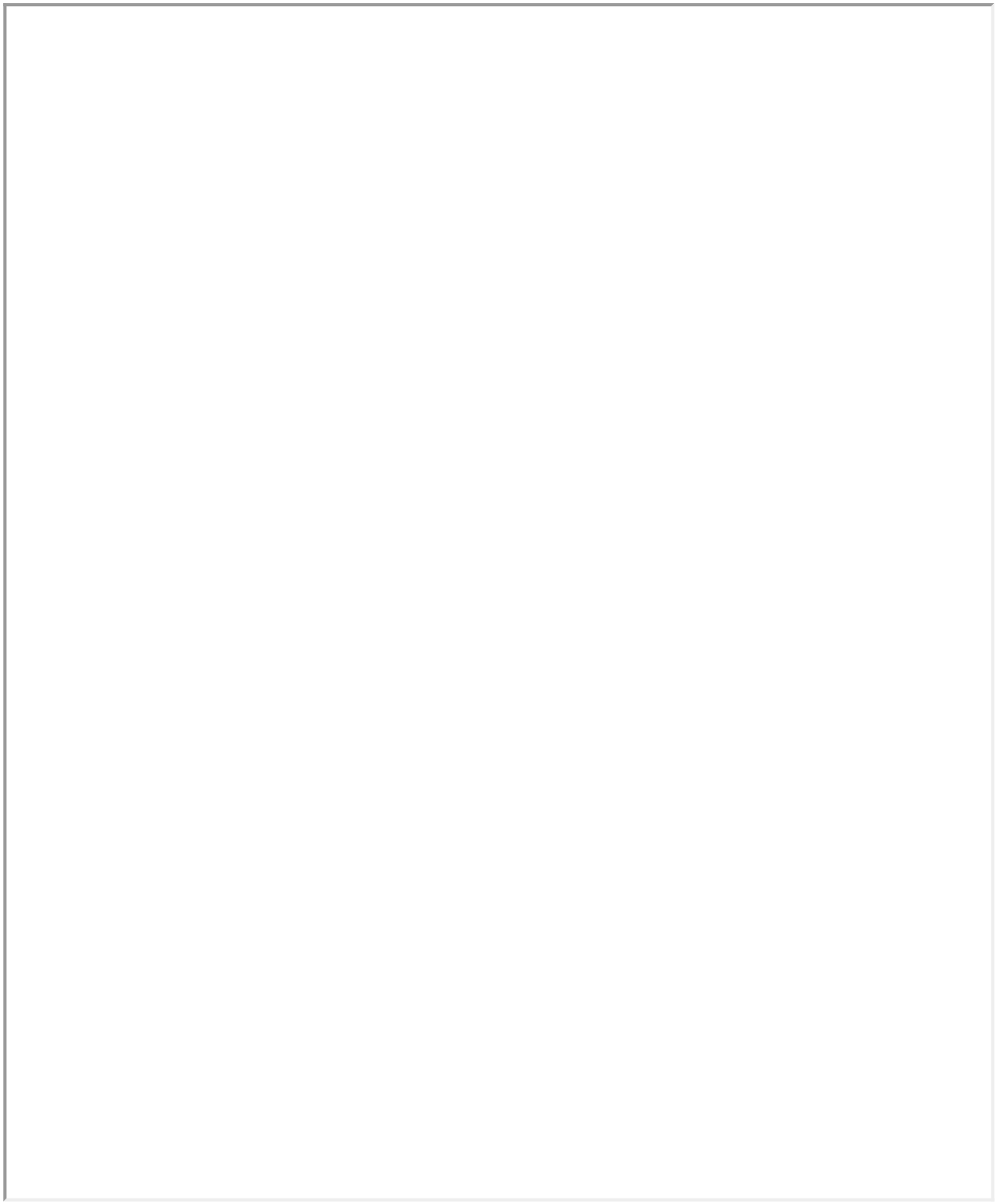
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Why did we conduct this research?

The increasing interest for cities worldwide to actually become "smart cities" offers great potential towards increased efficiency, sustainability and citizen's engagement with the place where they actually do enjoy their lives. Nevertheless, there is a clear need for framing what the main challenges cities are currently facing so adequate and sufficient strategies can be properly planned. This paper creates a framework that encompasses eight clusters of factors that characterize smart cities and its design initiatives.

Key findings:

- Collaboration, communication and data-exchange as basic factors as to successfully achieve smart governance.
- ICT is at the core of smart governance, hence stressing the transition towards technology-based governance is key when talking about smart cities. This becomes essential when engaging with citizens, and the consequent impact this has on citizen participation and increased transparency (in both directions).



Reference:

Chourabi, H., Nam, T., Walker, S., Gil-Garcia, J. R., Mellouli, S., Nahon, K., ... & Scholl, H. J. (2012, January). Understanding smart cities: An integrative framework. In *System Science (HICSS), 2012 45th Hawaii International Conference on* (pp. 2289-

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