

Future Cities Laboratory

Ur-scape Launch in Bandung

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实验室

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FCL has launched *ur-scape* in Bandung. The digital tool is designed to empower residents of urban informal settlements and help city builders make more informed decisions.



Prof. Stephen Cairns presenting the token to the then Bandung Mayor Ridwan Kamil

The Kampung Smart Systems: Bandung team has launched *ur-scape*, an open-source application designed to support spacial planning. *ur-scape* is an application developed by the Kampung Smart Systems: Bandung team at Future Cities Laboratory (FCL) under the collaboration between the Bandung City Government and the Asian Development Bank. The launch on 4th September was featured by the local newspaper in Bandung, Sinar Pagi News, in the article [Kota Bandung kini punya aplikasi baru bernama Ur-Scape](#) (The city of Bandung now has a new application known as *ur-scape*) on 6 September.

Bandung is the poster child of a Smart City in Indonesia. The city has been in the forefront of the Smart City movement in Indonesia, having revolutionised the way it is administered, managed and planned. The city has made considerable investments in to developing an online-based participa-

About

[Kampung Smart Systems: Bandung](#)

Further reading

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tory planning system designed to empower people living in urban informal settlements, or *kampungs*.

ur-scape was developed to complement existing systems by collecting integrated data on spatial planning to help city builders to improve the quality of urban planning and design decisions. The data can be uploaded in the forms of population density maps, city facility distribution maps, land use maps, disaster location maps and infrastructure distribution maps.

Former Mayor of Bandung Mr Ridwan Kamil commented that the application helps prevent the waste of resources on misinformed city planning due to imperfect data. Through the application, the government can assess the vulnerability of the city, accessibility, distribution of population and employment, environmental quality and city health, and appropriate use of space. With a user-friendly interface, users can visualise and interact with the geospatial data with ease.

Bandung is a pioneer in the use of *ur-scape* in Indonesia, with the Bandung Command Centre using the application since July 2018. The application will subsequently be implemented in Palembang, Makassar and Semarang.

Kampung Smart Systems: Bandung is a collaboration among **Urban-Rural Systems**, **Ecosystem Services in Urban Landscapes** and **Responsive Cities** from FCL, Riset Indie (Bandung), and is funded by the Future Cities Programme and Asian Development Bank. The project aims to improve Bandung's local capacity to capture data at the kampung level while diversifying communication channels for residents to communicate their concerns directly.

Ur-Scape Launch

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