

Bandung as Emerging Smart City

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Bandung City

Issues

Target

Design

Conclusion

2.5 millions population

80 tertiary education

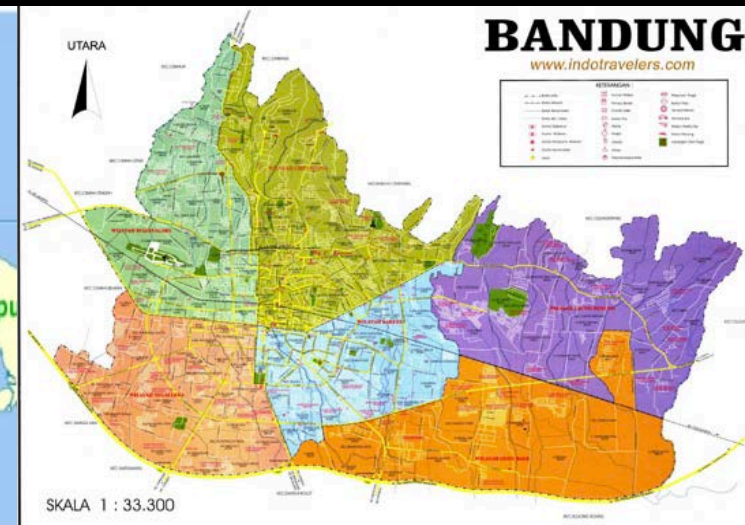
40 Environmental organisation

70% (18-35 y.o)

2nd Largest City after Jakarta

BCCF

Bandung Creative City Forum



Bandung City

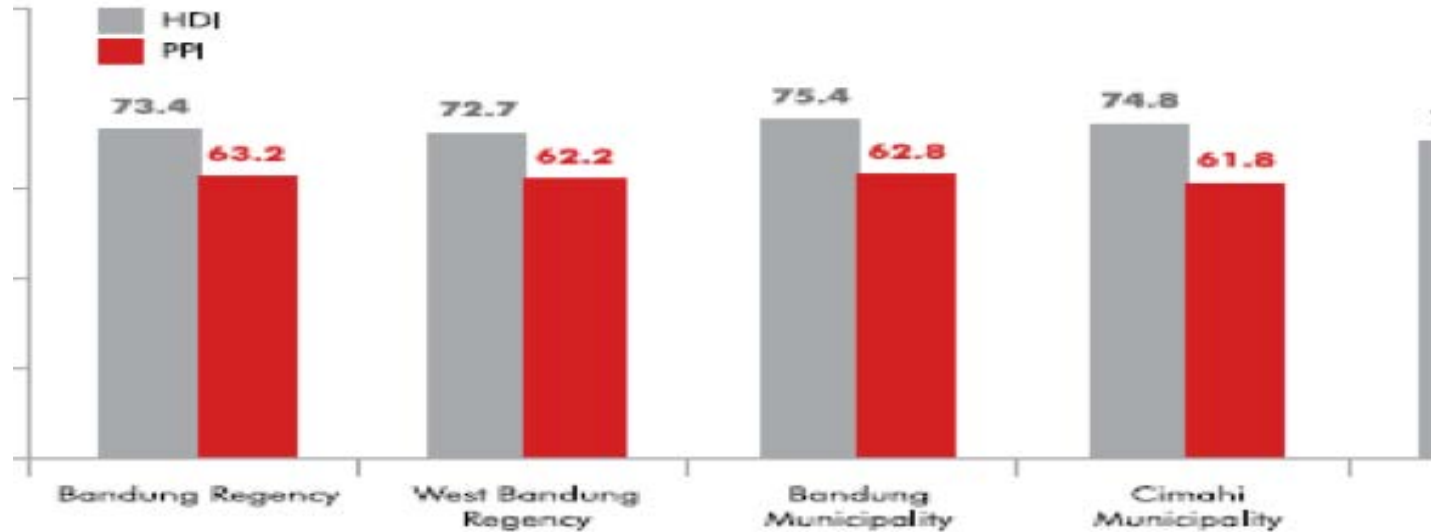
Issues

Target

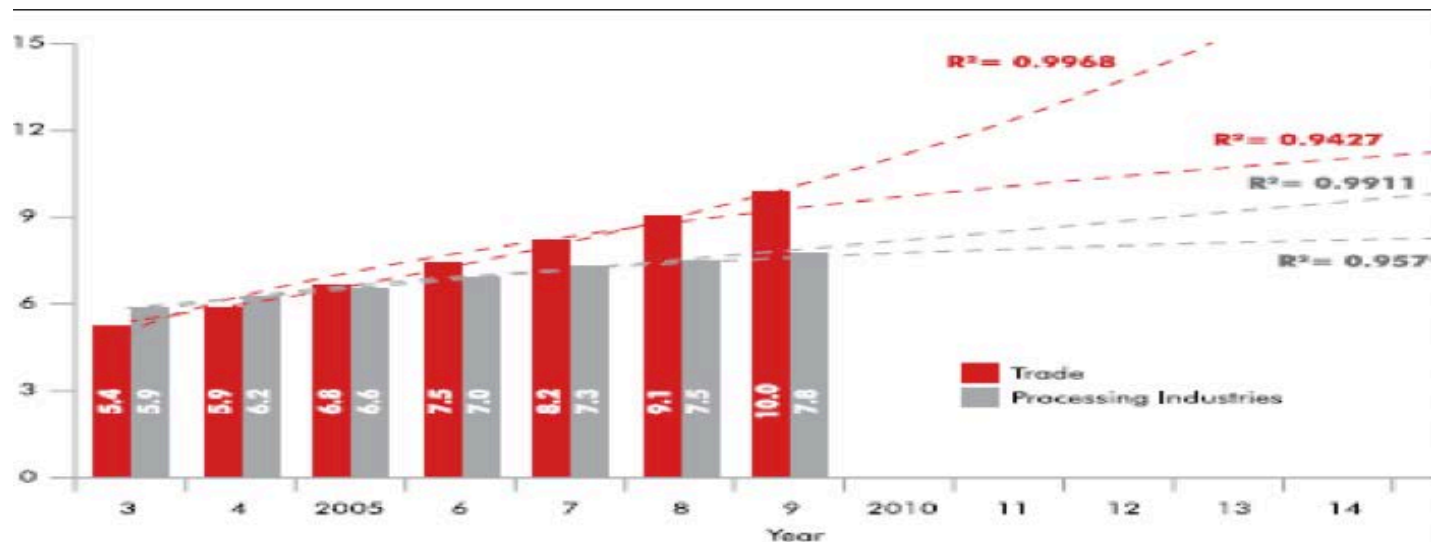
Design

Conclusion

Economic Growth



Bandung Creative City of D



Bandung City

Issues

Target

Design

Conclusion



Bandung

apps/systems providing information concerning public transportation.



waze, apps developed by government.



Yogyakarta

apps/systems providing information concerning public transportation.



google maps.



Surabaya

apps/systems providing information concerning city.



apps/systems providing information concerning public transportation.



Makassar

apps/systems providing information concerning public transportation.



apps/systems providing information concerning city.



Bandung City

Issues

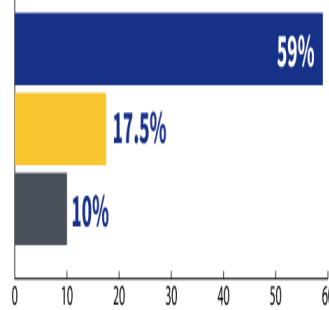
Target

Design

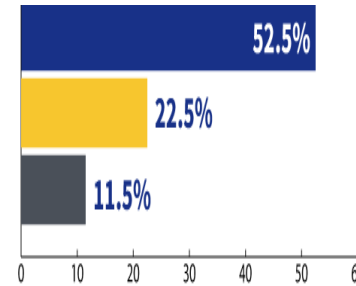
Conclusion



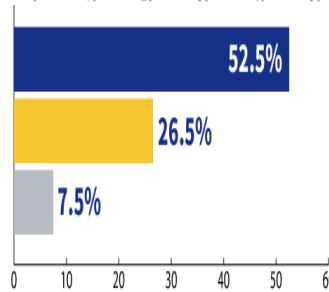
Security
in the city.



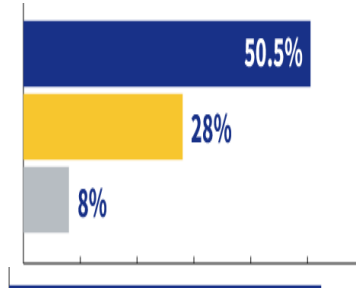
Traffic.



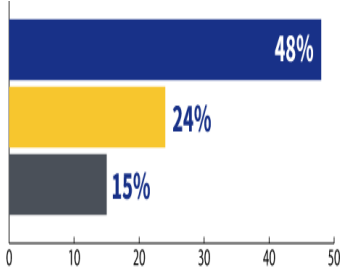
Health.



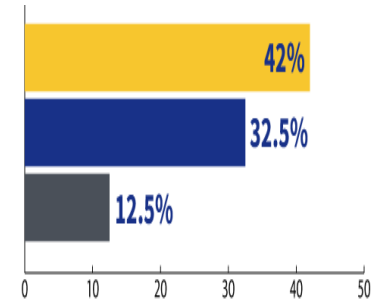
Public
transport.



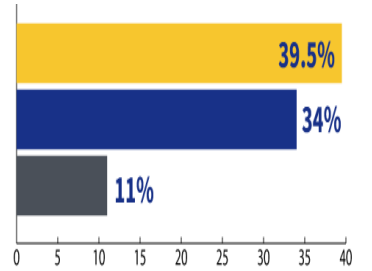
Public
sanitary.



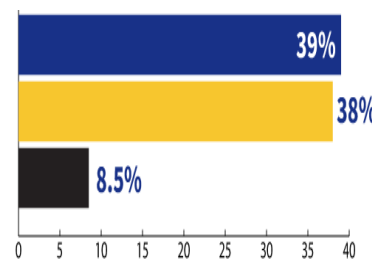
Information
about large scale
event.



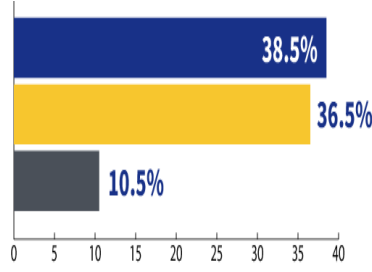
Legal
and permit.



Tourism
area.



Information
about
university.



Bandung City

Issues

Target

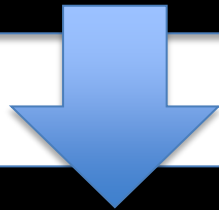
Design

Conclusion

PHASE I
Emergency and
Security



PHASE II
Interconnected
Government Office



PHASE III
Established
Seamless
Connectivity

Convenient Connection

Internet Accessibility

Collaborative Works
Inter-sectoral Supports

Transparency
Accountability

ICT Based Economy Zone in
Indonesia

Active
Engagement and Interactive
Digital Market

Bandung City

Issues

Target

Design

Conclusion

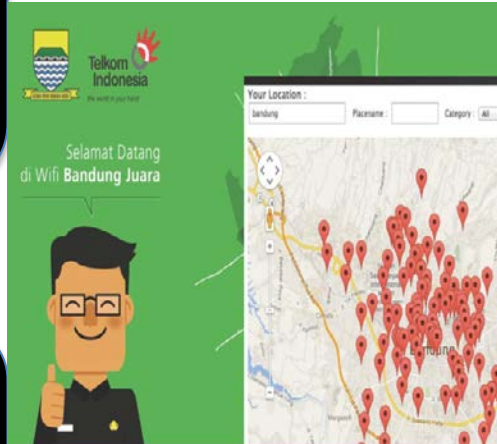
PHASE I
Emergency and
Security



PHASE II
Interconnected
Government Office



PHASE III
Established
Seamless
Connectivity

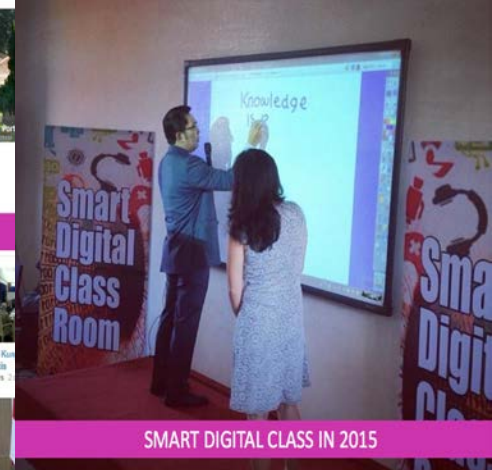


10,000 FREE WIFI ACCESS POINT

300 CITY APPS IN 2016



OPEN COMMUNICATION (GOV YOUTUBE CHANNEL)



SMART DIGITAL CLASS IN 2015

Bandung City

Issues

Target

Design

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PHASE I
Emergency and
Security

PHASE II
Interconnected
Government Office

PHASE III
Established
Seamless
Connectivity

5000 Free WiFi Points



BANDUNG SMART CARD IN 2016



SMART PARKING SYSTEM IN 2015



Bandung City

Issues

Target

Design

Conclusion



5000 Free WiFi Points

Using social media to manage a city: The Ridwan Kamil way

Rizki Rahma Wati | Sep 23 2014 01:17 am

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DISCUSSIONS



Bandung Digital Public Place (Movie Park)

Bandung City

Issues

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Design

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PHASE I
Emergency and
Security



PHASE II
Interconnected
Government
Office



PHASE III
Established
Seamless
Connectivity

OPEN GOVERNMENT (CITY BUDGET ONLINE)



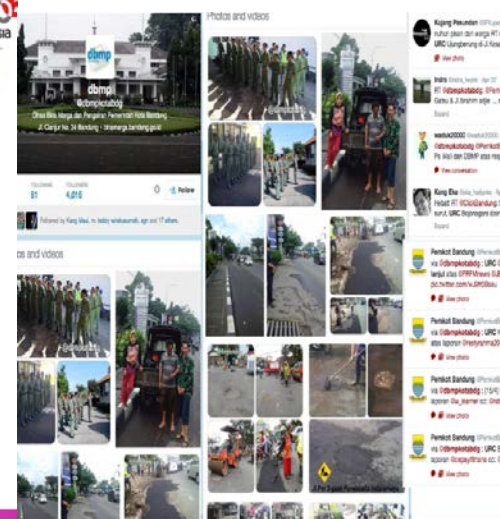
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lapor.ukp.go.id

BDG <spasi> isi aduan
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CITIZEN COMPLAINT ONLINE



SMART HEALTHCARE SERVICE



OPEN COMMUNICATION (SOCIAL MEDIA)

Bandung Command Centre

Bandung City

Issues

Target

Design

Conclusion



Bandung Command Centre



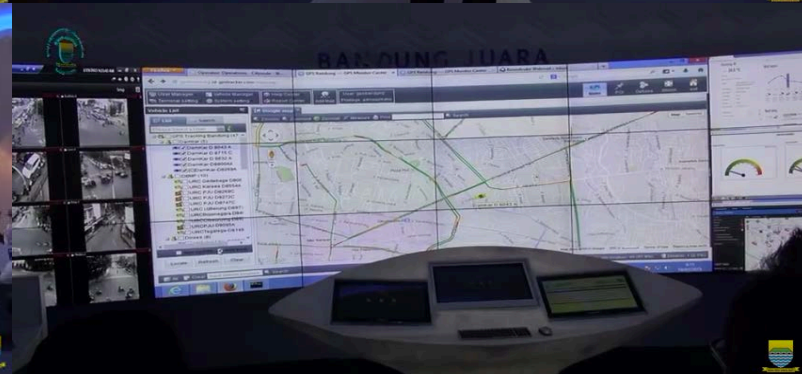
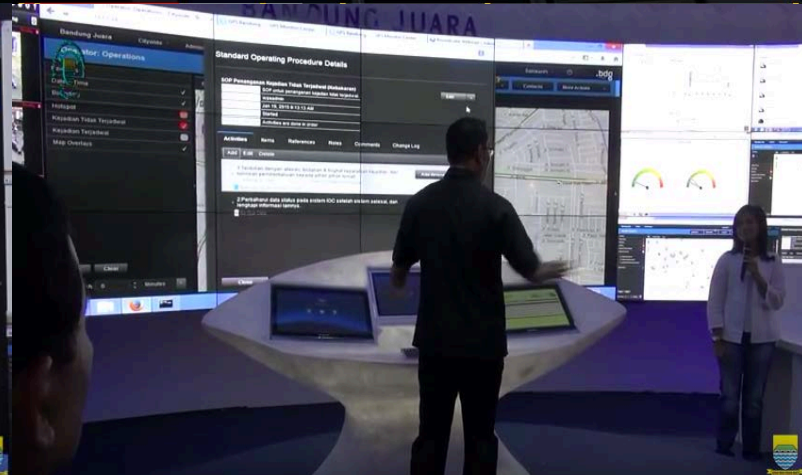
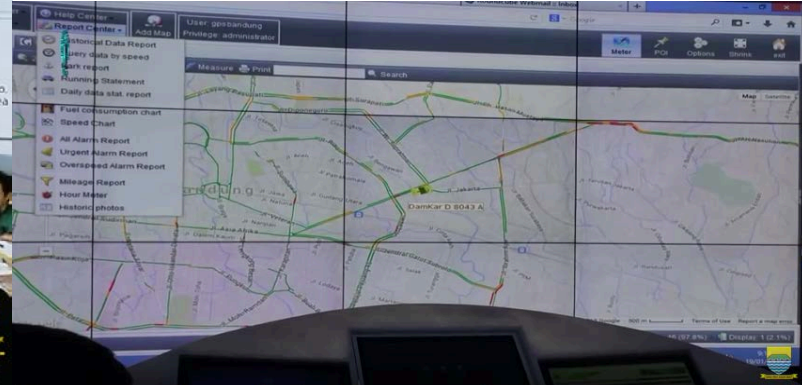
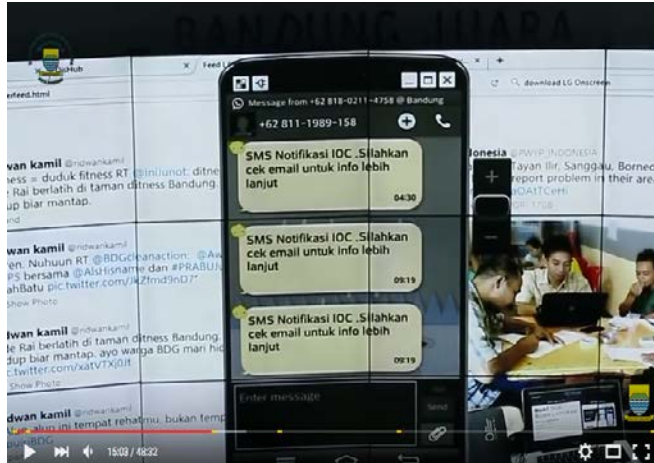
Bandung City

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Bandung City

Issues

Target

Design

Conclusion



Cooperation with PT TELKOM

- Urban CCTV Surveillance
- Bandung Digital Valley for Business Incubator
- Social Media Analytics
- Public Portal
- Machine to Machine for payment tracking and household energy management
- “Hi Bandung” and “Trans City” application

Bandung City

Issues

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International Initiatives

Asian, African mayors set smart city alliance

Arya Dipa, The Jakarta Post, Bandung | World | Fri, April 24 2015, 8:26 AM



Sharing experience: Expert from Waseda University, Japan, Toshio Obi (*left to right*) mayor of Rawaldi-Palestine Majed J. A Abdulfattah; Bandung Mayor Ridwan Kamil; mayor of Victoria, Seychelles, Jacqueline Moustache-Belle; and expert on urban planning Francesc Girait of Spain (*right, walking*) present their ideas during a discussion at the Asia Africa Smart City Summit (AASCS) 2015 in Bandung, West Java, on Thursday. Representatives of city administrations, academicians and business community discussed issues facing their own local governments, such as environment, housing, energy and transportation. ***Antara/AACC2015/M Agung Rajasa***

Bandung City

Issues

Target

Design

Conclusion

International Initiatives



Asia-Africa Smart City Alliance set in Bandung, Indonesia

Wed, 29/04/2015 - 00:00



A two-day seminar on Smart City, which took place in Bandung on 22-23 April, with 446 participants, 26 mayors and dozens of foreign delegations from 39 countries, has been completed with a commitment to set the Asia-Africa Smart City Alliance. The Asia-Africa Smart City Summit was conducted during the Asia-Africa Conference, officially held from 19-24 April.

The forum also generated a Bandung Declaration on smart cities, consisting of five points of agreement to strengthen development between cities in the Asia-Africa region. The commitment is to build a network and share knowledge on smart city model.

Bandung Mayor Ridwan 'Emil' Kamil was picked to become the chairman of this newly-established alliance. Kamil said that this Smart City Alliance would be able to improve the internal situation of Indonesia and other countries in the Asia-Africa region.

Appointed as a chair of the Mayor round-table discussion, UCLG ASPAC Secretary General Dr. **Bernadia Irawati Tjandradewi**, encouraged participants to identify best practices and strategies of cities in Asia-Africa so that city's problems could be solved through smart city solutions.

The Bandung Declaration on smart cities was a result of the productive discussions carried during the summit. Indonesian Minister for Information and Communications Rudiantoro, was satisfied of the initiative, citing that the event has helped leaders to take a step ahead for cooperation.

Hatur Nuhun

Terima Kasih

Thank you

Additional Reference

- <http://blog.jakpat.ney/peoples-expectations-smart-city-survey-report> (Appeared on Slide 4 and 5)
- http://www.worldcitiessummit.com.sg/sites/sites2.globalsignin.com2.wcs-2014/files/Bandung_Economic_Review.pdf (Appeared on Slide 3)
- <https://sustainabledevelopment.un.org/content/documents/12659kamil.pdf> (Cited in Slide 7 - 10)
- Jakarta Post (2015)
<http://www.thejakartapost.com/news/2015/04/24/asian-africa...> (Appeared on Slide 14)
- <http://www.uclg.org/en/media/news/asia-africa-smart-city-alliance-set-bandung-indonesia> (Appeared on Slide 15)
- <http://www.thejakartapost.com/news/2015/04/24/asian-african-mayors-set-smart-city-alliance.html>
- <https://www.youtube.com/watch?v=pcyKigLfYIU> (cited and a