The Role of Innovation to End AIDS as a Public Health Threat by 2030

Reuben Granich, MD, MPH

Strategic and Scientific Advisor

International Association of Providers of AIDS Care

Disruptive innovations

- 90-90-90, cohort, simplify ART delivery, better regimens, vaccine, cure,
- Democratizing HIV testing
  - HIV Self Testing
  - Multi-disease prevention campaign
- Democratization of data
  - Wiki data visualization
    - Fast-Track Cities, HIV Policy Watch, HIV 90-90-90 Watch, Situation Room,
  - Crowd sourcing using iMonitor+ real time geolocation of data
    - Smart City
    - SANAC Sex Worker App
    - Kenya harm reduction App

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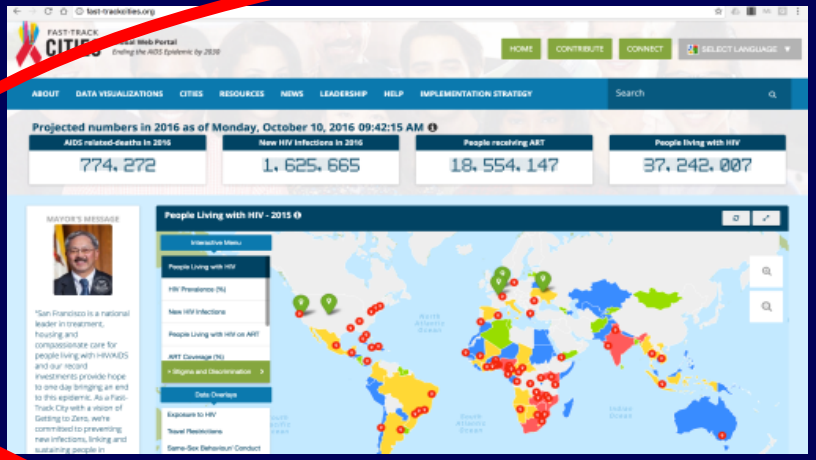
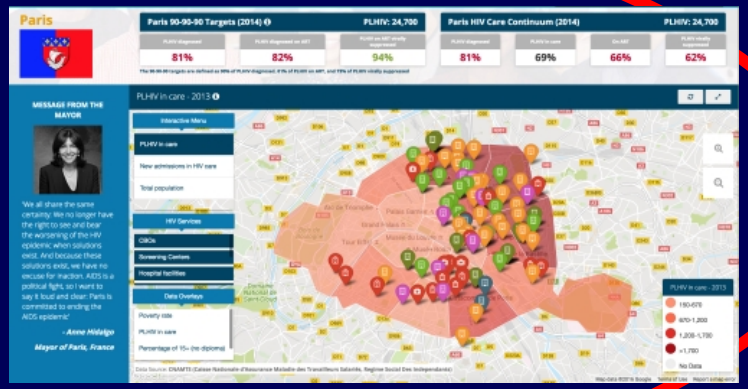
Wiki public domain data visualization



Fast-Track Cities – Global Portal



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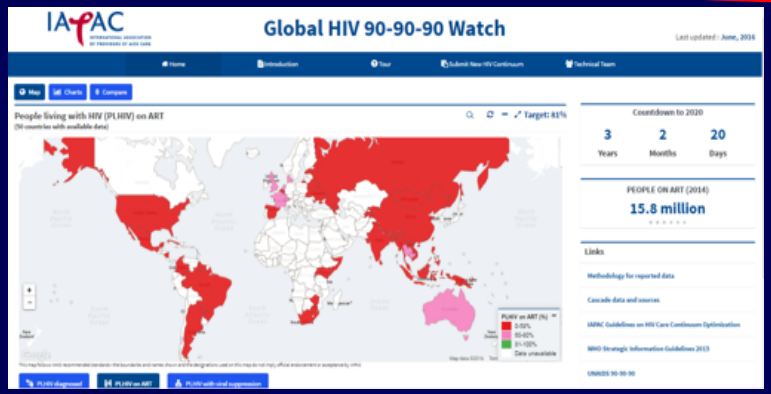
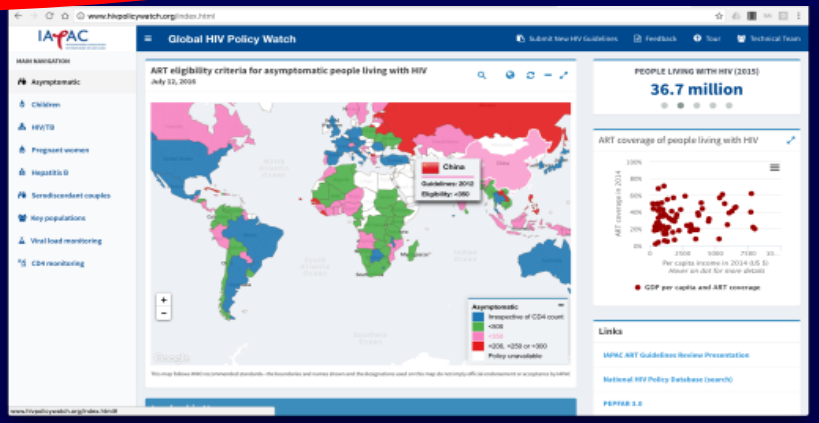


HIV 90-90-90 watch



HIV Policy Watch

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MAIRIE DE PARIS

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UNAIDS JOINT UNITED NATIONS PROGRAMME ON HIV/AIDS

UN HABITAT FOR A BETTER URBAN FUTURE

We call on major cities to fast-track their AIDS responses by 2020:

- Frontloading investments and stepping up the pace of service delivery
- Strengthening and leveraging existing HIV programming for greater impact
- Scaling up HIV services, especially HIV testing and treatment

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FAST-TRACK CITY INITIATIVE TARGETS

90% Of people living with HIV knowing their HIV status

90% Of people who know their HIV status on ART

90% Of people on treatment with suppressed viral load

0% Stigma and discrimination

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FTCI INCLUDES ALL TYPES OF CITIES FROM ALL REGIONS OF THE WORLD

CURRENT FAST-TRACK CITIES

AFRICA		LATIN AMERICA/CARIBBEAN
1. Abidjan, Côte d'Ivoire	17. Kigali, Rwanda	31. Buenos Aires, Argentina
2. Accra, Ghana	18. Kinshasa, DRC	32. Curitiba, Brazil
3. Algiers, Algeria	19. Lagos, Nigeria	33. Havana, Cuba
4. Atakpamé, Togo	20. Libreville, Gabon	34. Kingston, Jamaica
5. Bamako, Mali	21. Lilongwe, Malawi	35. Port-au-Prince, Haiti
6. Bamenda, Cameroon	22. Lomé, Togo	36. Rio de Janeiro, Brazil
7. Bangui, CAR	23. Lubumbashi, DRC	37. Salvador da Bahia, Brazil
8. Blantyre, Malawi	24. Lusaka, Zambia	38. Santa Fe, Honduras
9. Casablanca, Morocco	25. Maputo, Mozambique	39. Santiago, Chile
10. Cotonou, Benin	26. Mbujimayi, DRC	40. San Miguelito, Panama
11. Dakar, Senegal	27. Nairobi, Kenya	41. São Paulo, Brazil
12. Dar es Salaam, Tanzania	28. Ouesso. Rep. of Congo	
13. Djibouti, Djibouti	29. Windhoek, Namibia	
14. Djougou, Benin	30. Yaounde, Cameroon	
15. Douala, Cameroon		
16. Durban, South Africa		

EUROPE	ASIA	NORTH AMERICA
42. Amsterdam, Netherlands	48. Bangkok, Thailand	53. Atlanta, USA
43. Athens, Greece	49. Delhi, India	54. Baltimore, USA
44. Brussels, Belgium	50. Jakarta, Indonesia	55. Denver, USA
45. Bucharest, Romania	51. Melbourne, Australia	56. Mexico City, Mexico
46. Geneva, Switzerland	52. Mumbai, India	57. Miami, USA
47. Paris, France		58. Oakland, USA
		59. Providence, USA
		60. San Francisco, USA
		61. Washington, DC, USA

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IMPLEMENTATION PLAN

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WWW.FAST-TRACKCITIES.ORG

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OFFICIAL FAST TRACK CITIES GLOBAL PORTAL

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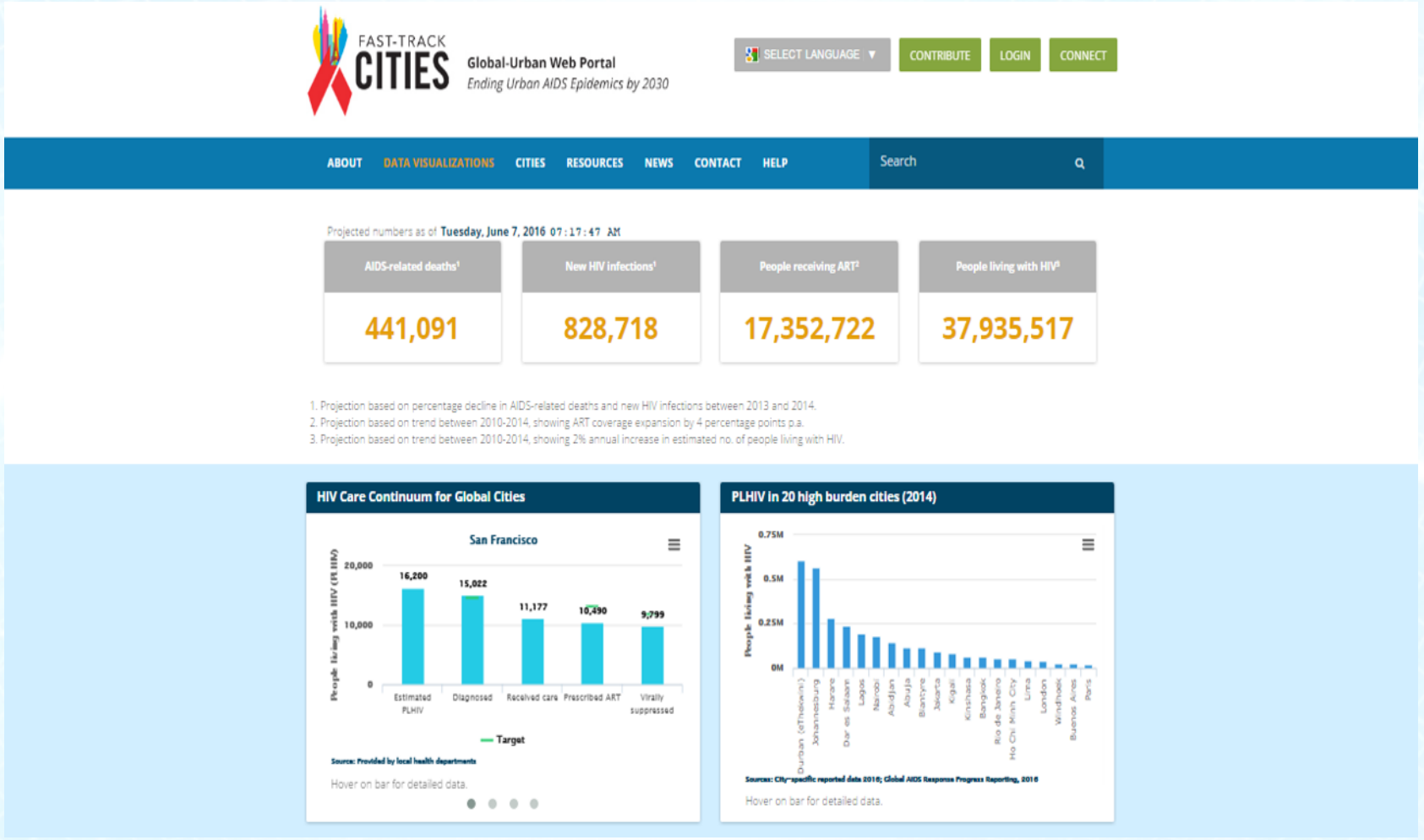
INTERACTIVE DATA VISUALIZATIONS



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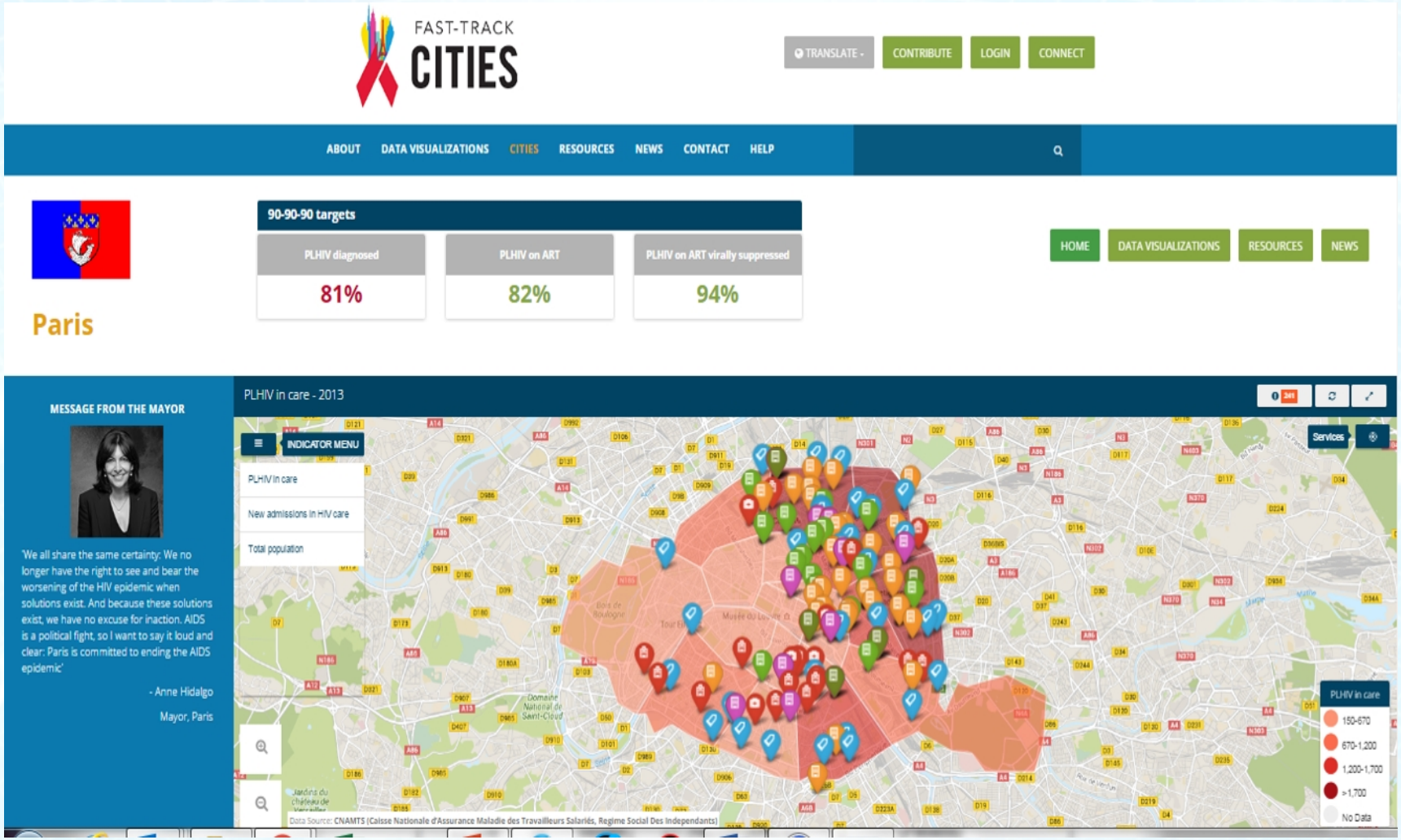
CITY DASHBOARD FEATURES HIV RESPONSE



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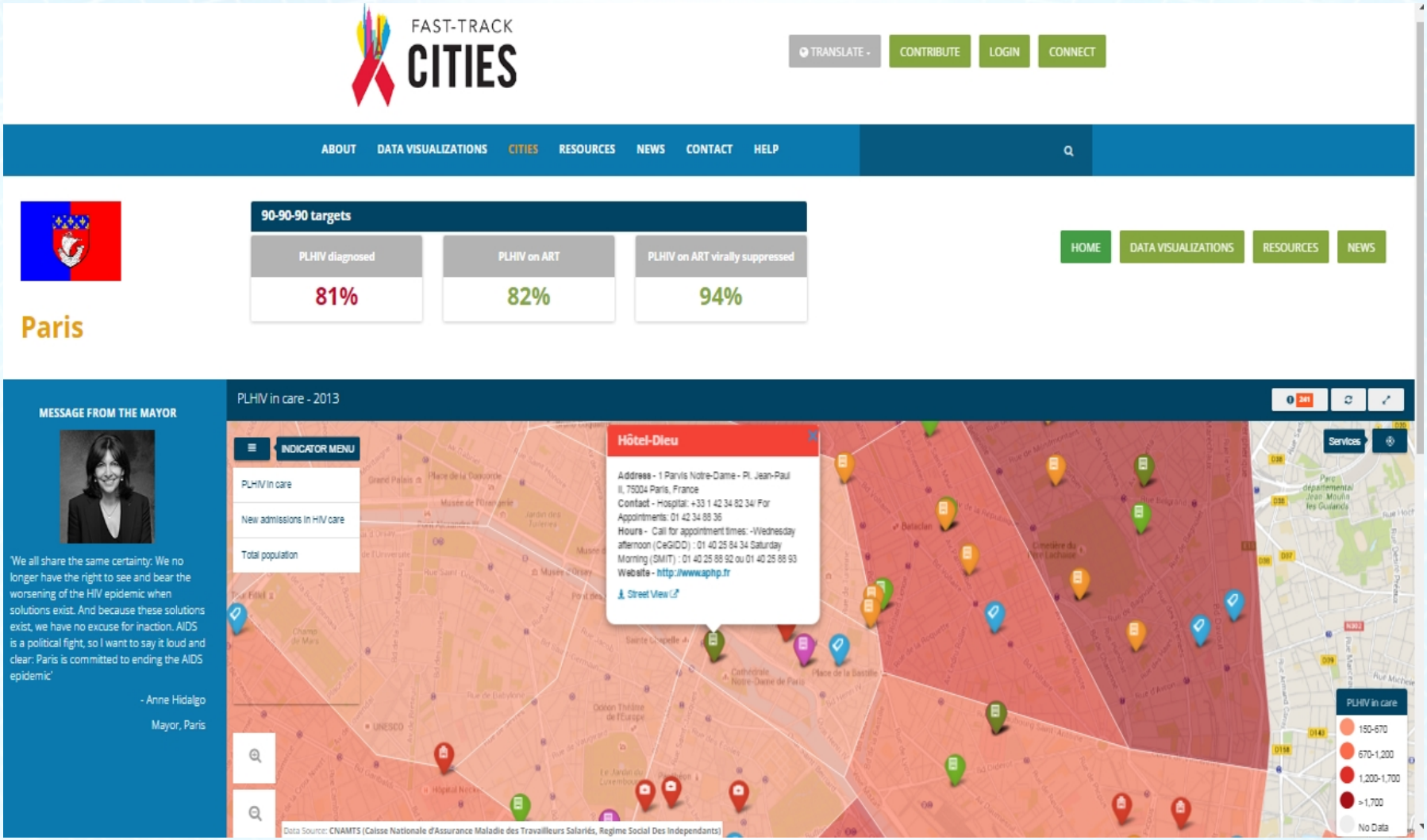
POWERFUL MAPPING OF HIV SERVICES



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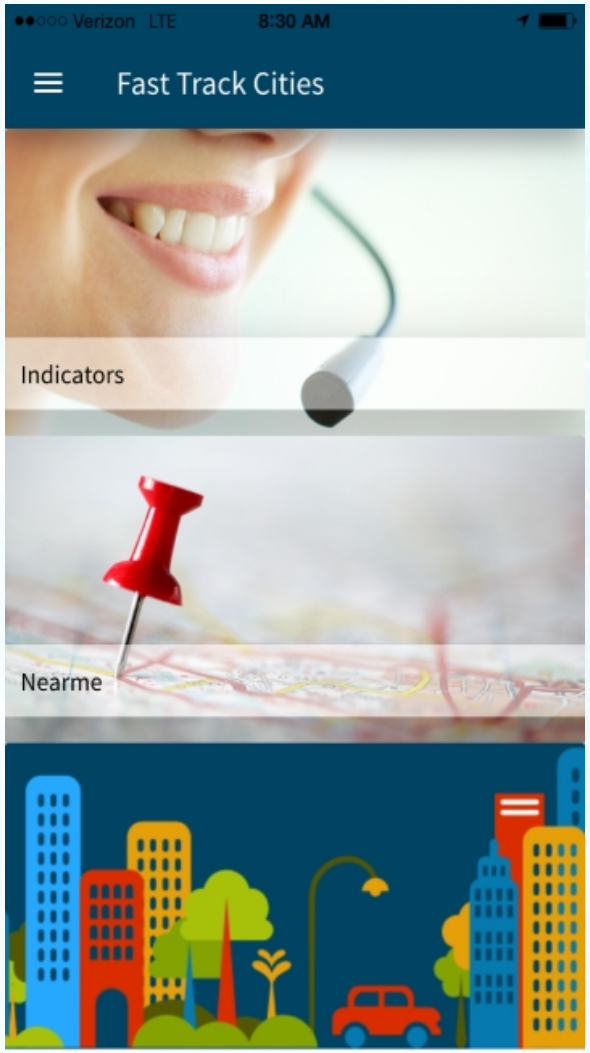
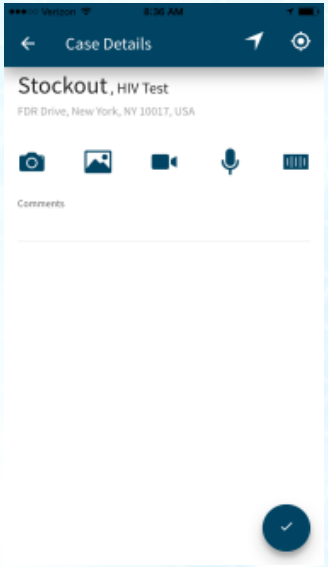
HANDHELD FTCI APPLICATION THAT ALLOWS FOR REAL TIME DATA COLLECTION

Image courtesy of iicd.org





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iMonitor+ - SANAC Sex Worker

Help for sex workers now a cellphone away

Saturday 12 March 2016 16:25

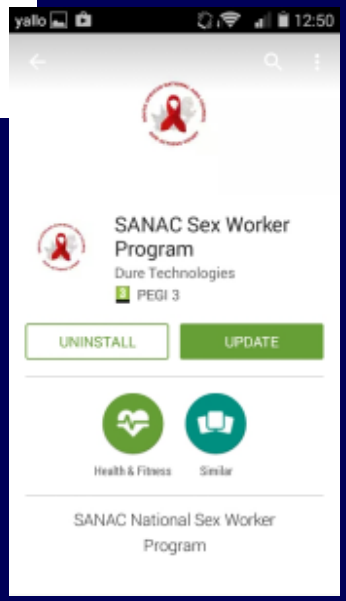
SABC

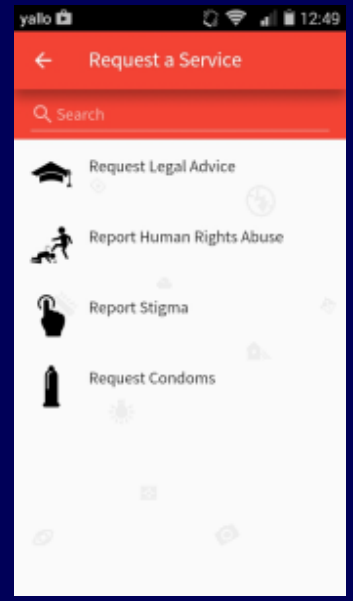
Fareed Abdullah is the CEO of the South African National AIDS Council. (SABC)

The government is to start offering sex workers legal support. This has emerged at the launch of the National Sex Workers HIV Plan in Johannesburg.

Sex workers have found it difficult to access health services because of discrimination. The government is hoping the health plan and the legal support will ease some of these challenges.

CEO of the South African National AIDS Council Fareed Abdullah says the support will be as accessible as a cellphone application.





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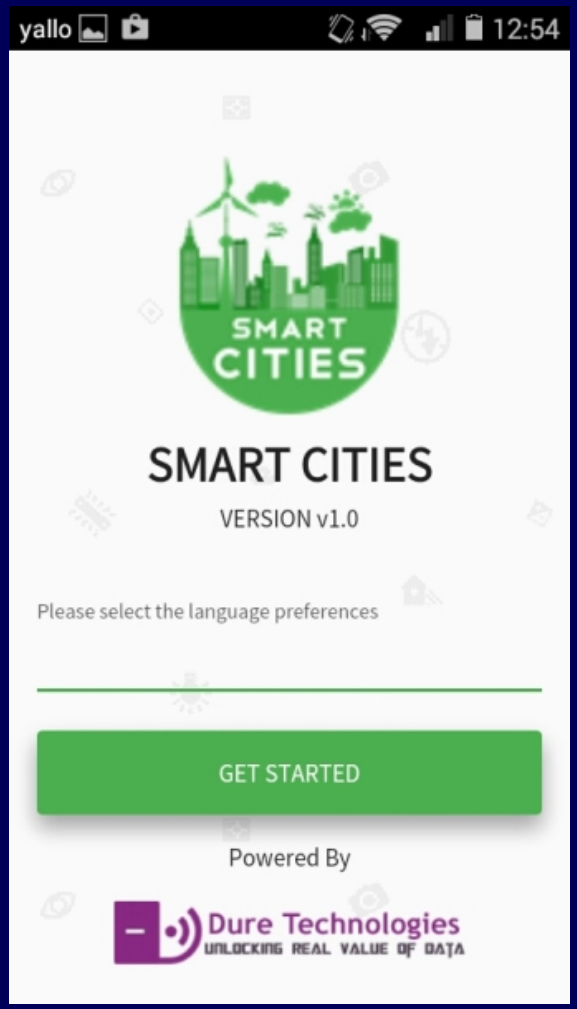
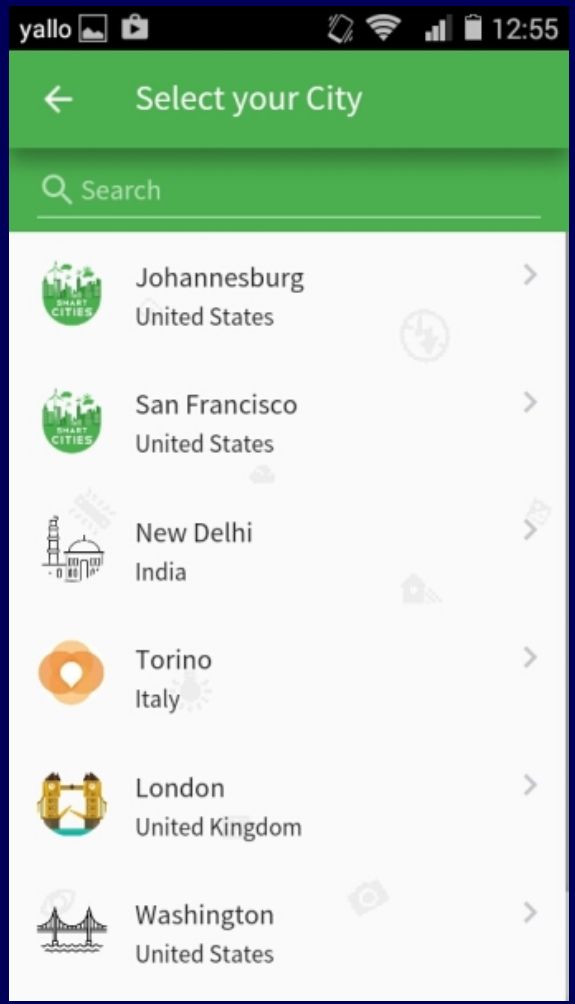
iMonitor + Smart Cities





NEXT STEPS

- Bring twenty+ cities with dashboards online
- Use platform to support Fast Track Cities 90-90-90 and Zero discrimination
- Consider deep dive to use powerful community drive crowd sourcing
- See IAPAC-Dure Tech team to start your Cities build!

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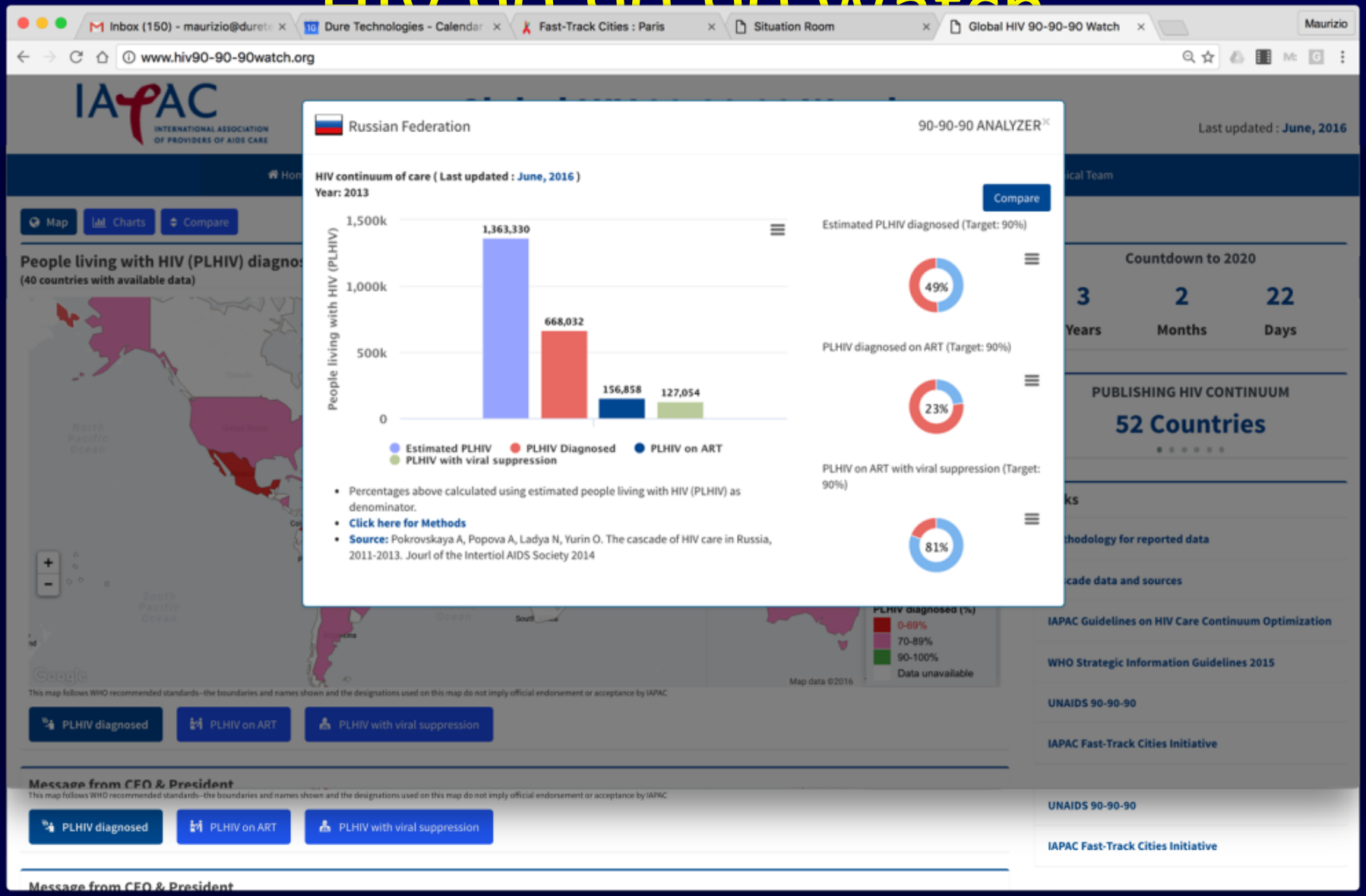
INTERNATIONAL ASSOCIATION OF PROVIDERS OF AIDS CARE

Reuben Granich
rgranich@iapac.org

Sindhu Ravishankar
sravishankar@iapac.org

HIV 90-90-90 Watch



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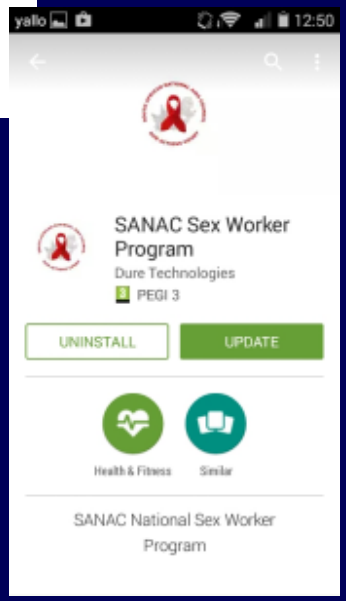

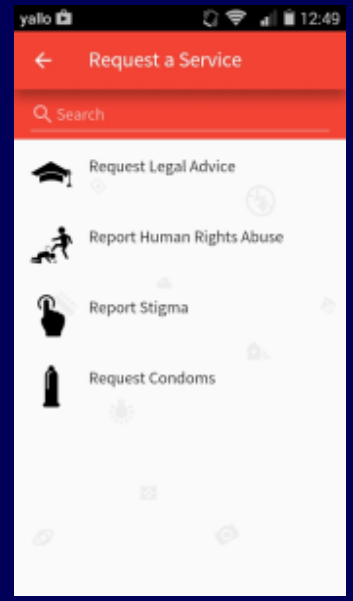

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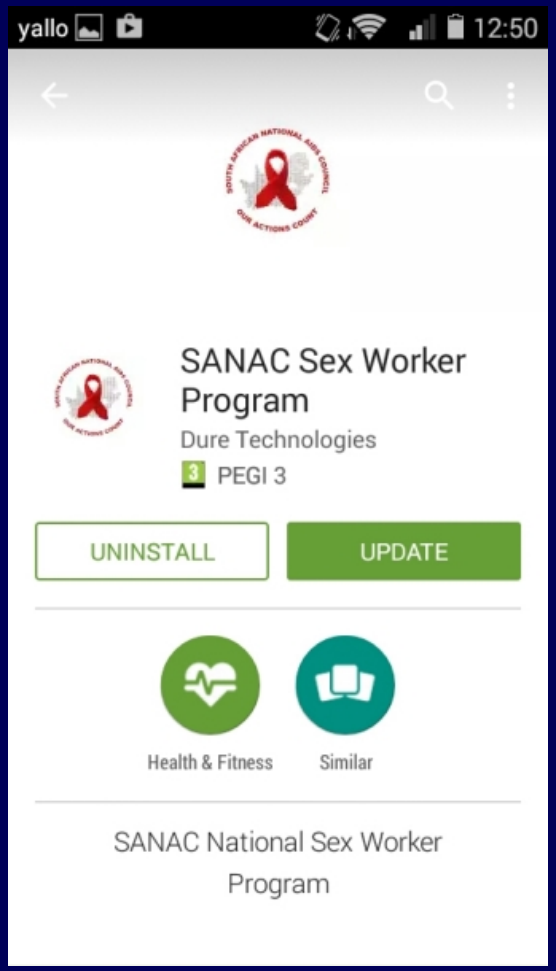
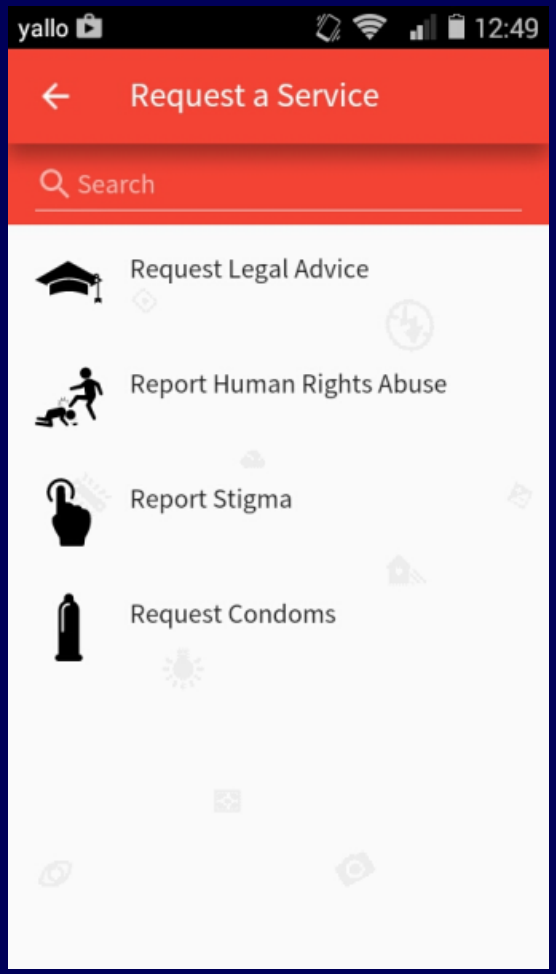
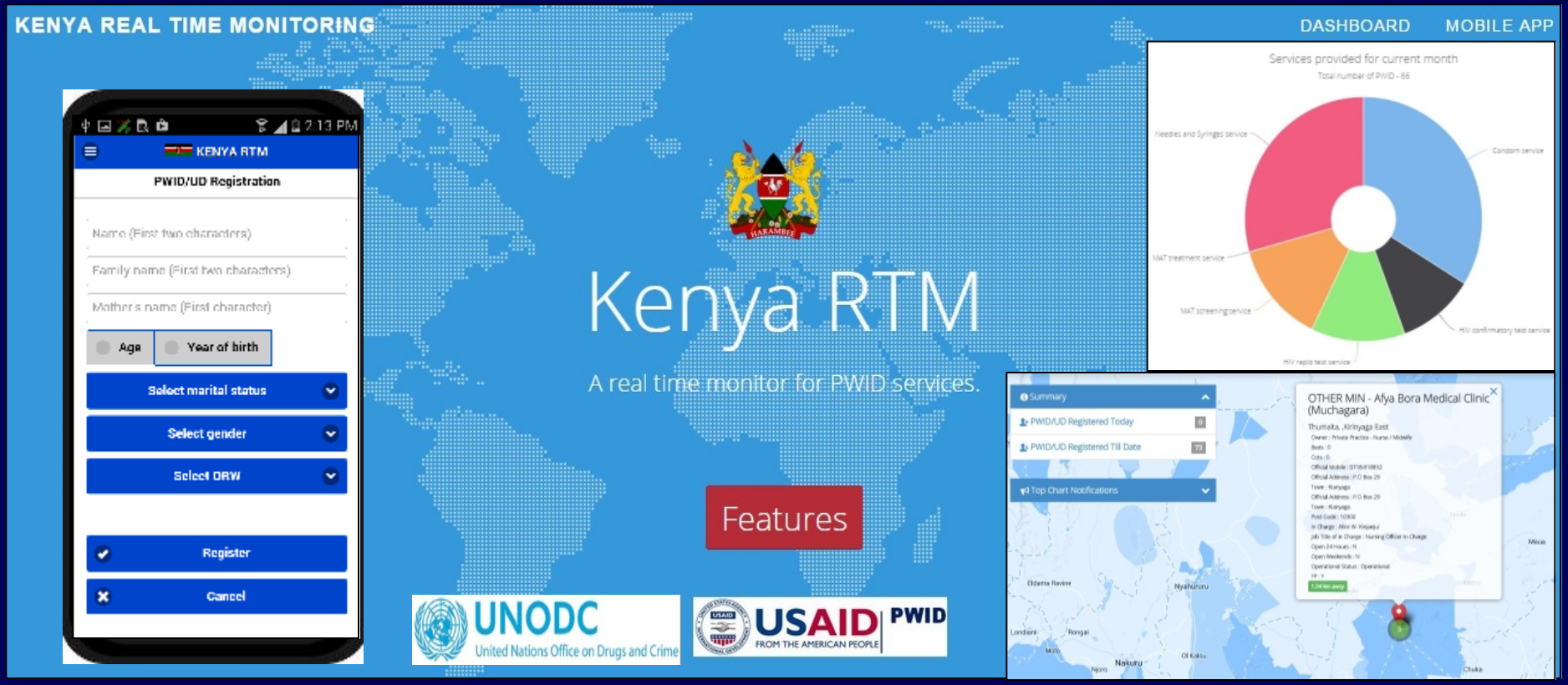




Real-Time Monitoring – Kenya Harm Reduction



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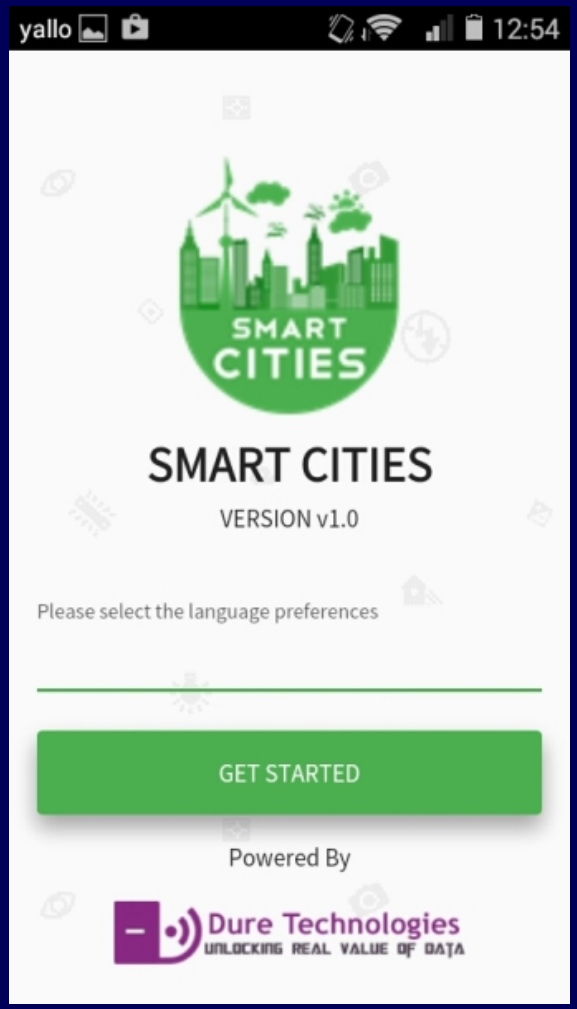
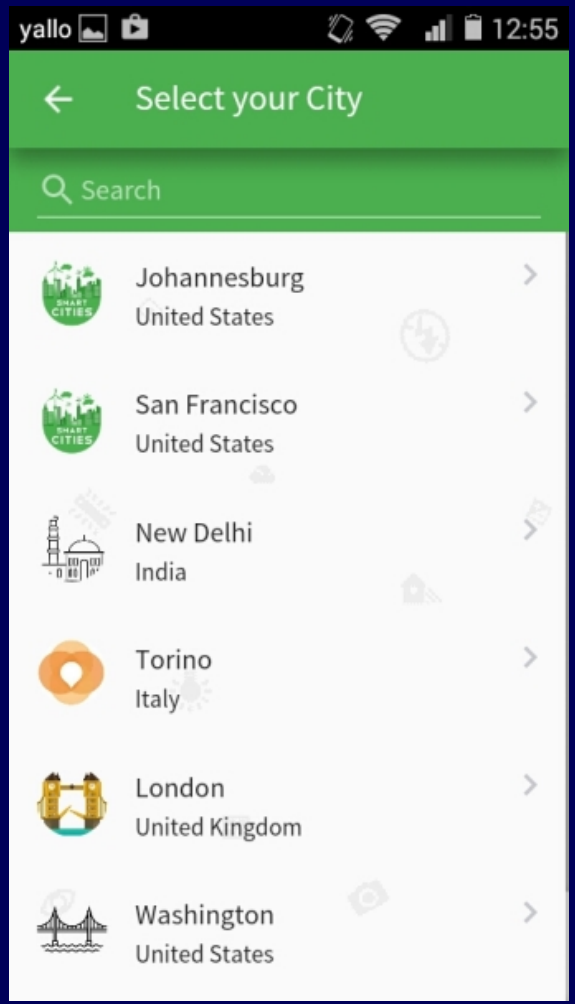




Thank you

Thailand Real-Time Cohort Monitoring Key Pops

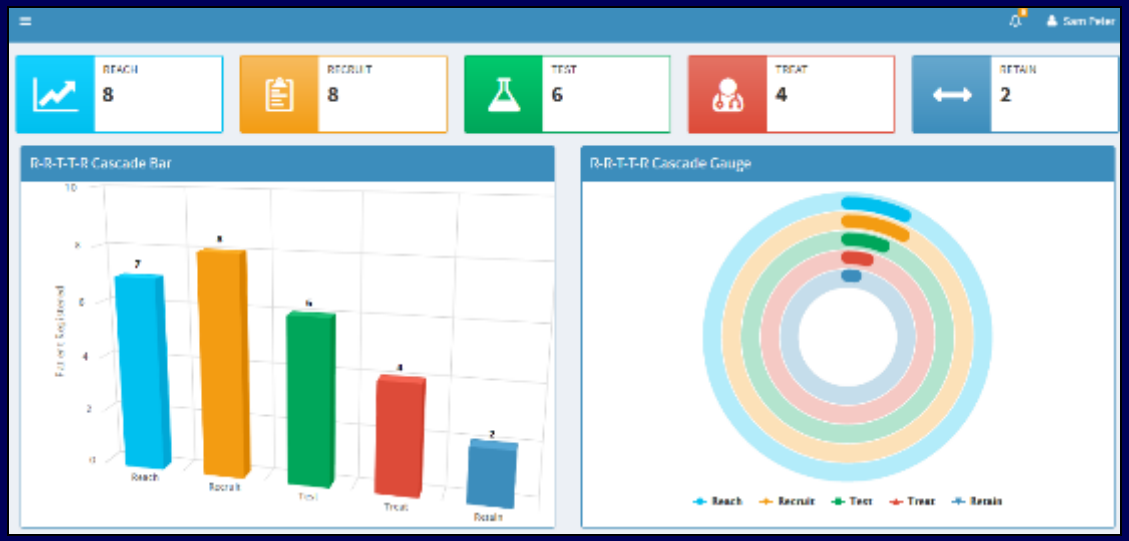
Ministry of Public Health - THAILAND

- **Key Population Covered :**
  - FSW
  - PWID
  - MSM
  - TG

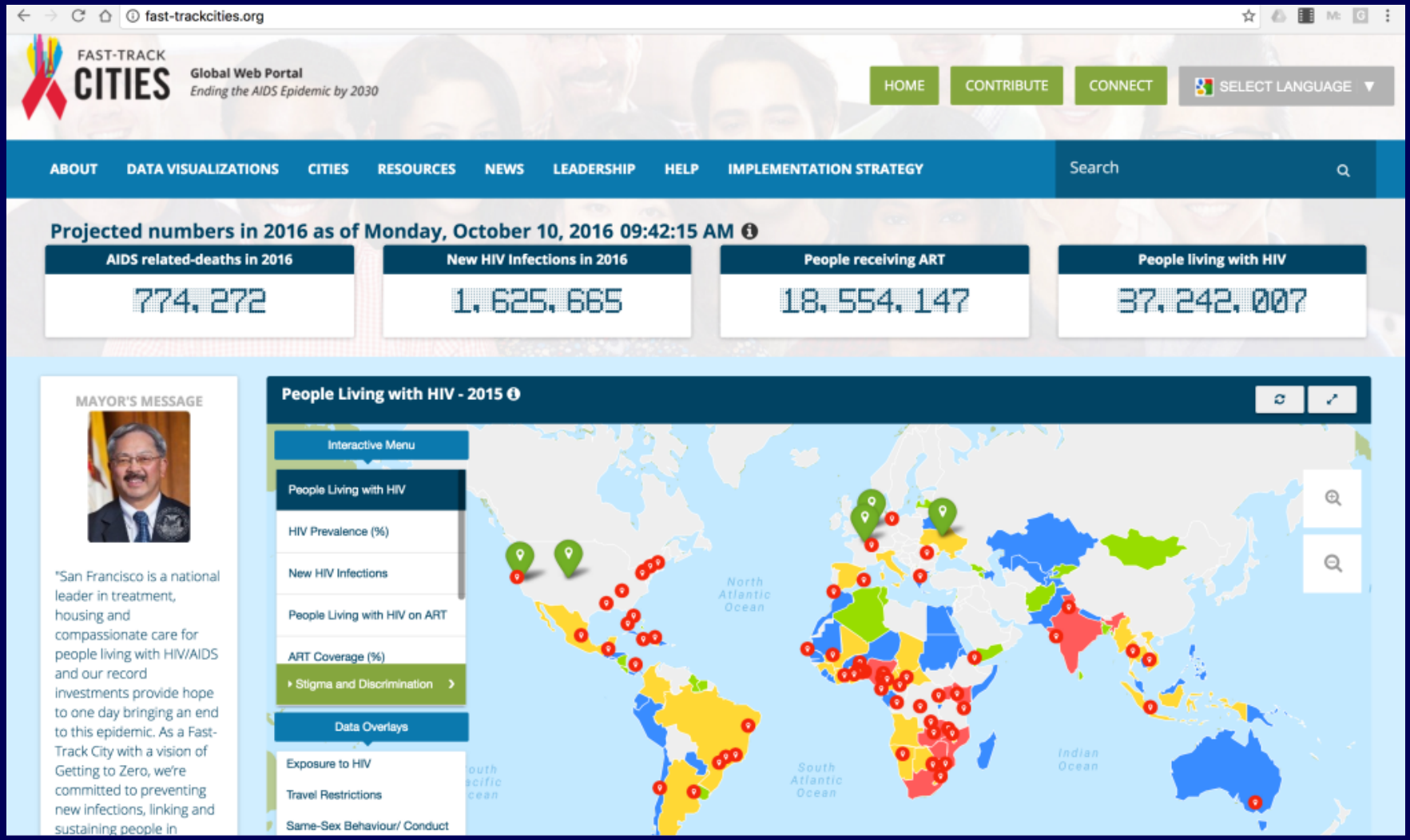
- **Functionalities :**
  - Registration
  - Recruitment
  - Testing
  - Treatment
  - Retain
  - Indicators & Reports
  - Alerts

Mobile App

Dashboard



Fast-Track Cities – Global Portal



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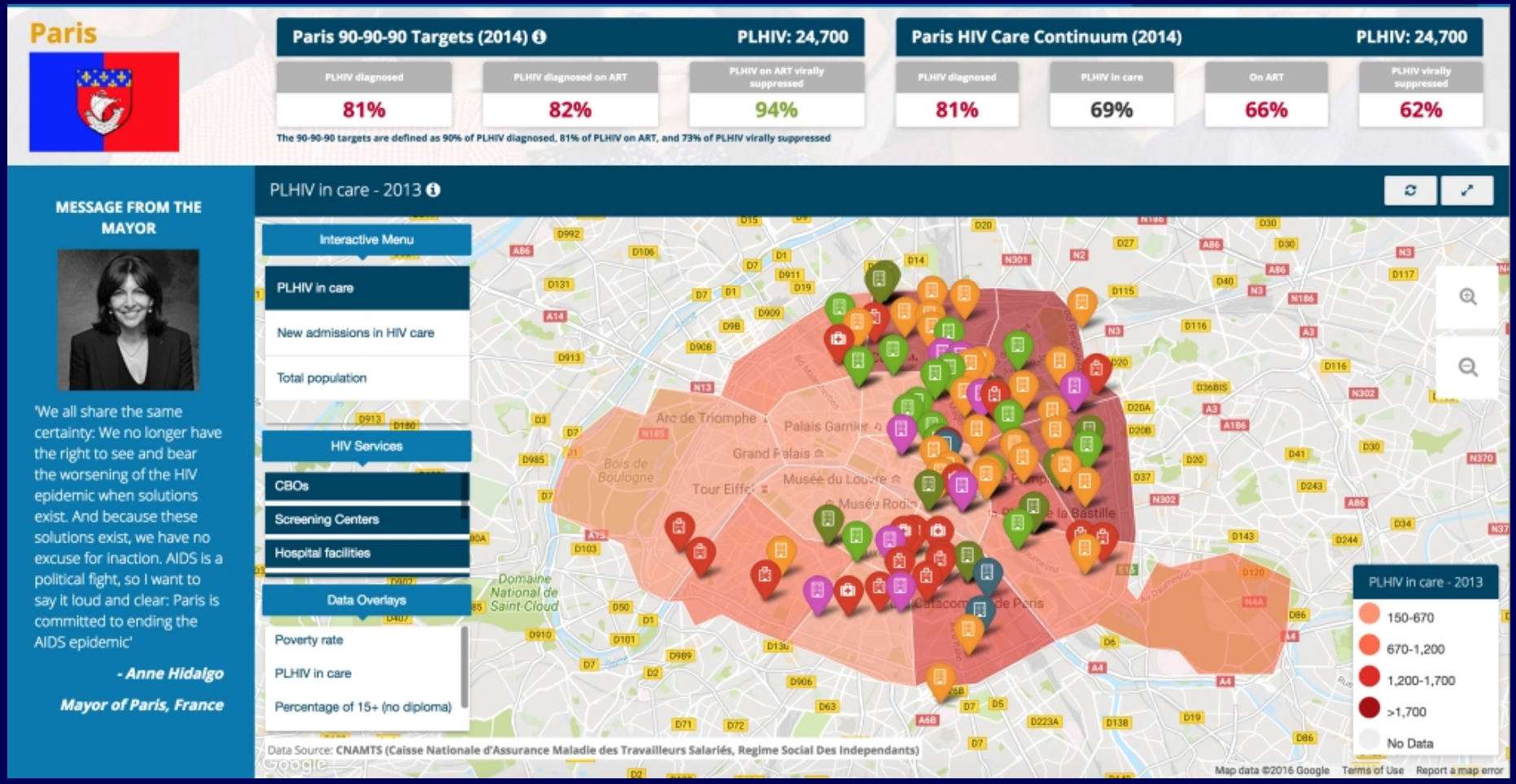
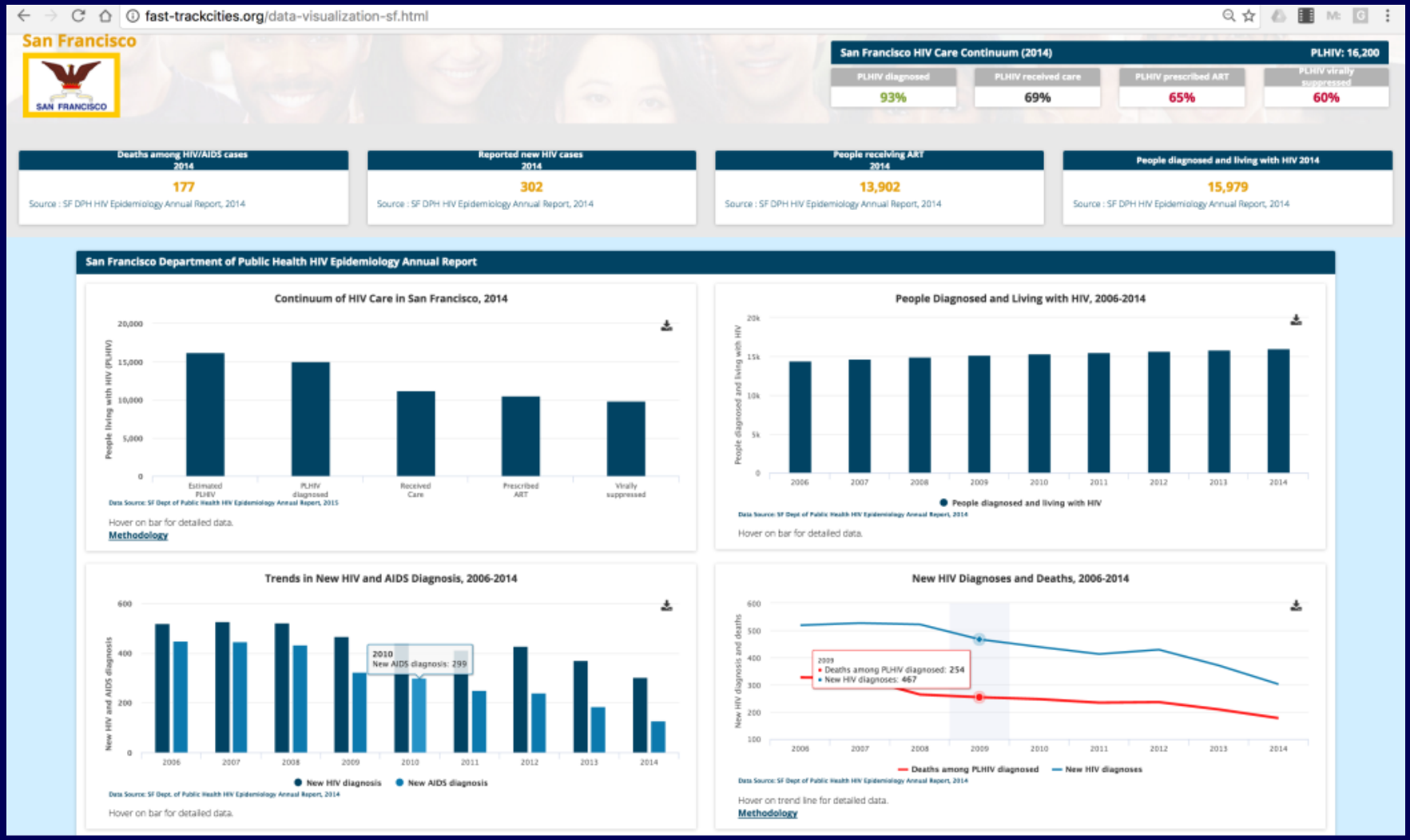
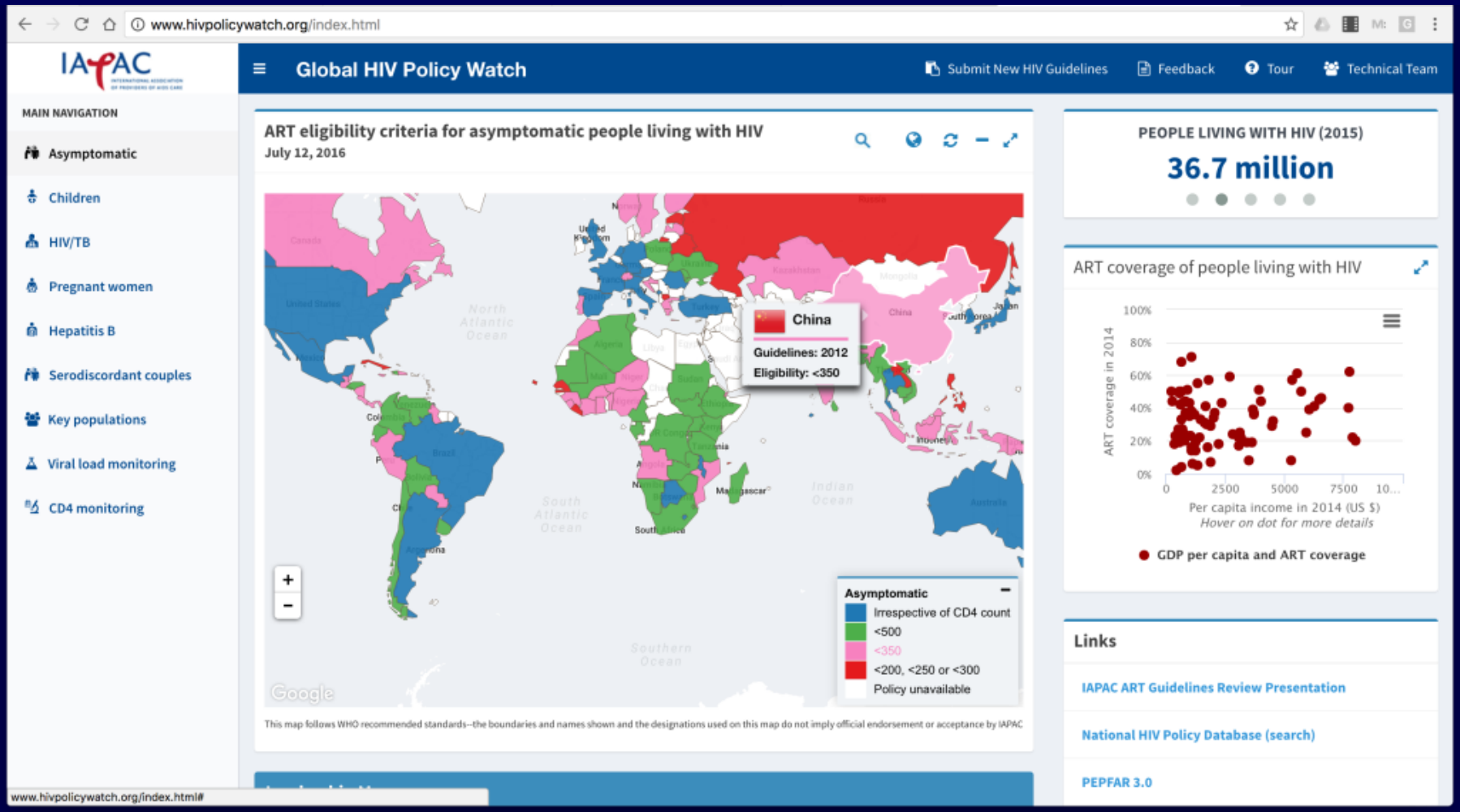


Fast-Track Cities – Data Visualization

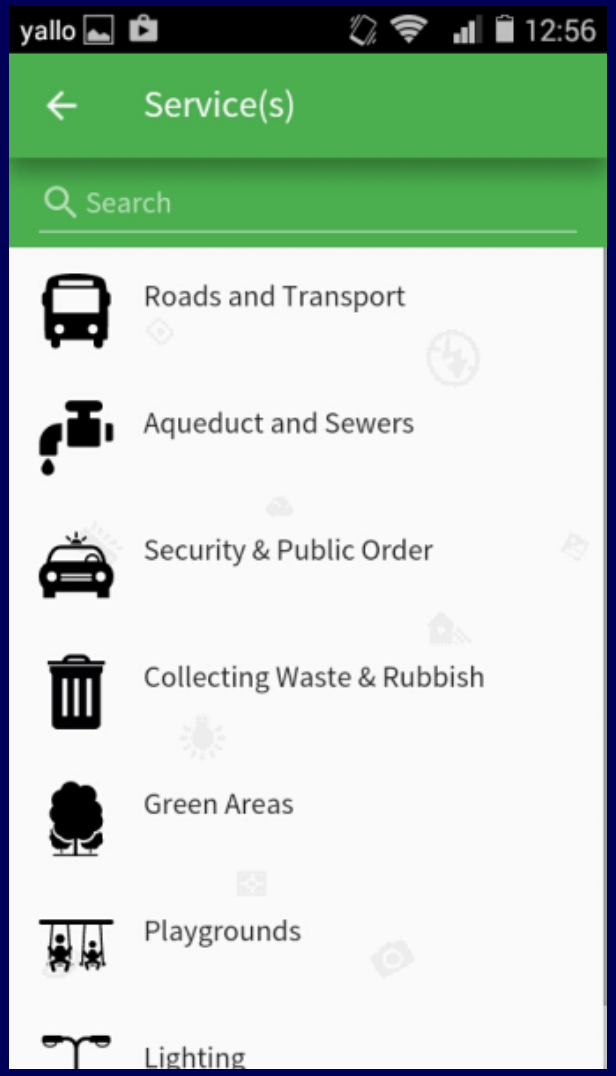


HIV Policy Watch



iMonitor+ - Smart Cities

Citizens can notify Local Administration INSTANTLY about issues and services

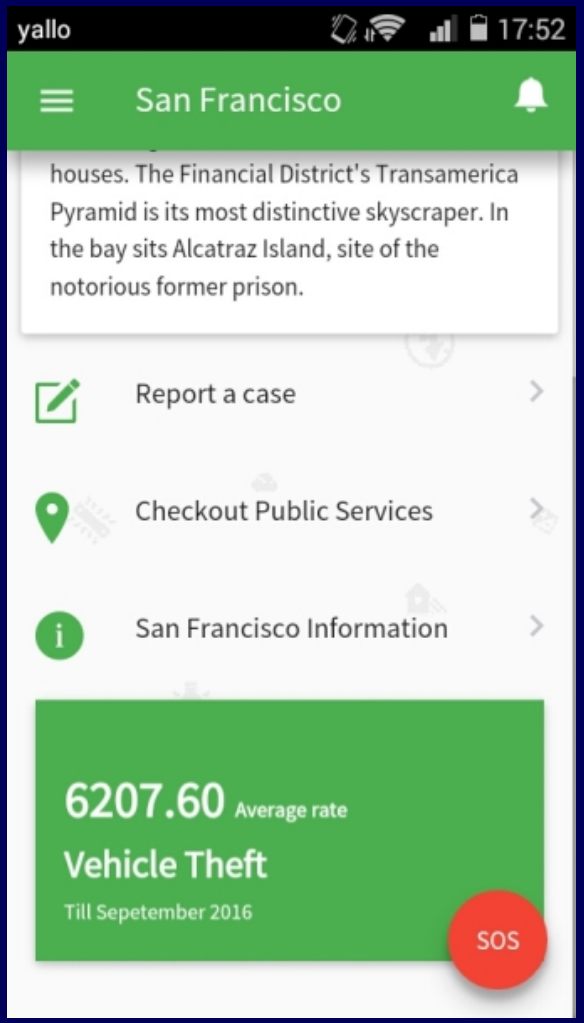


iMonitor+ - Smart Cities

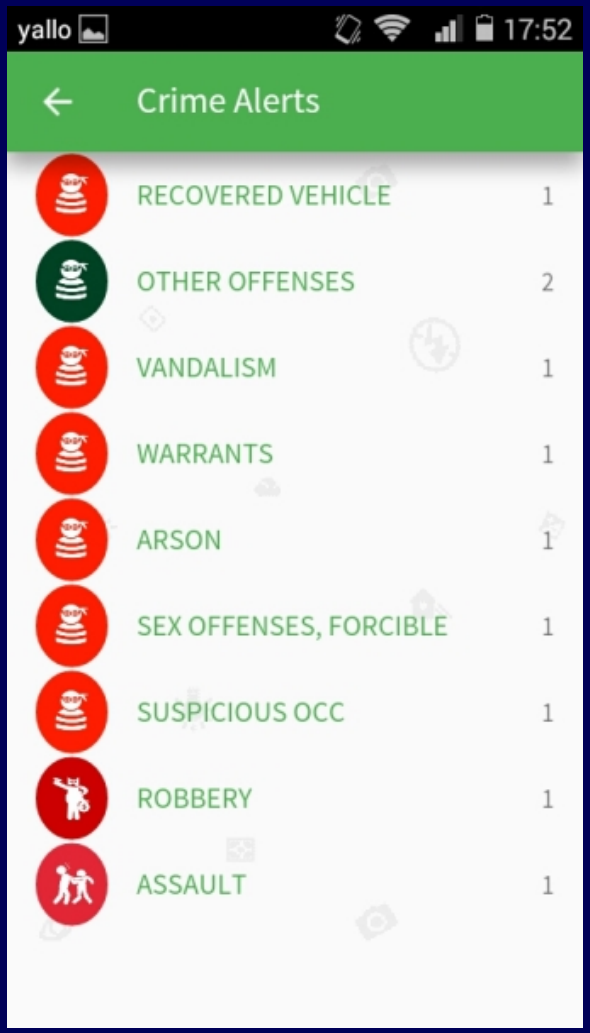
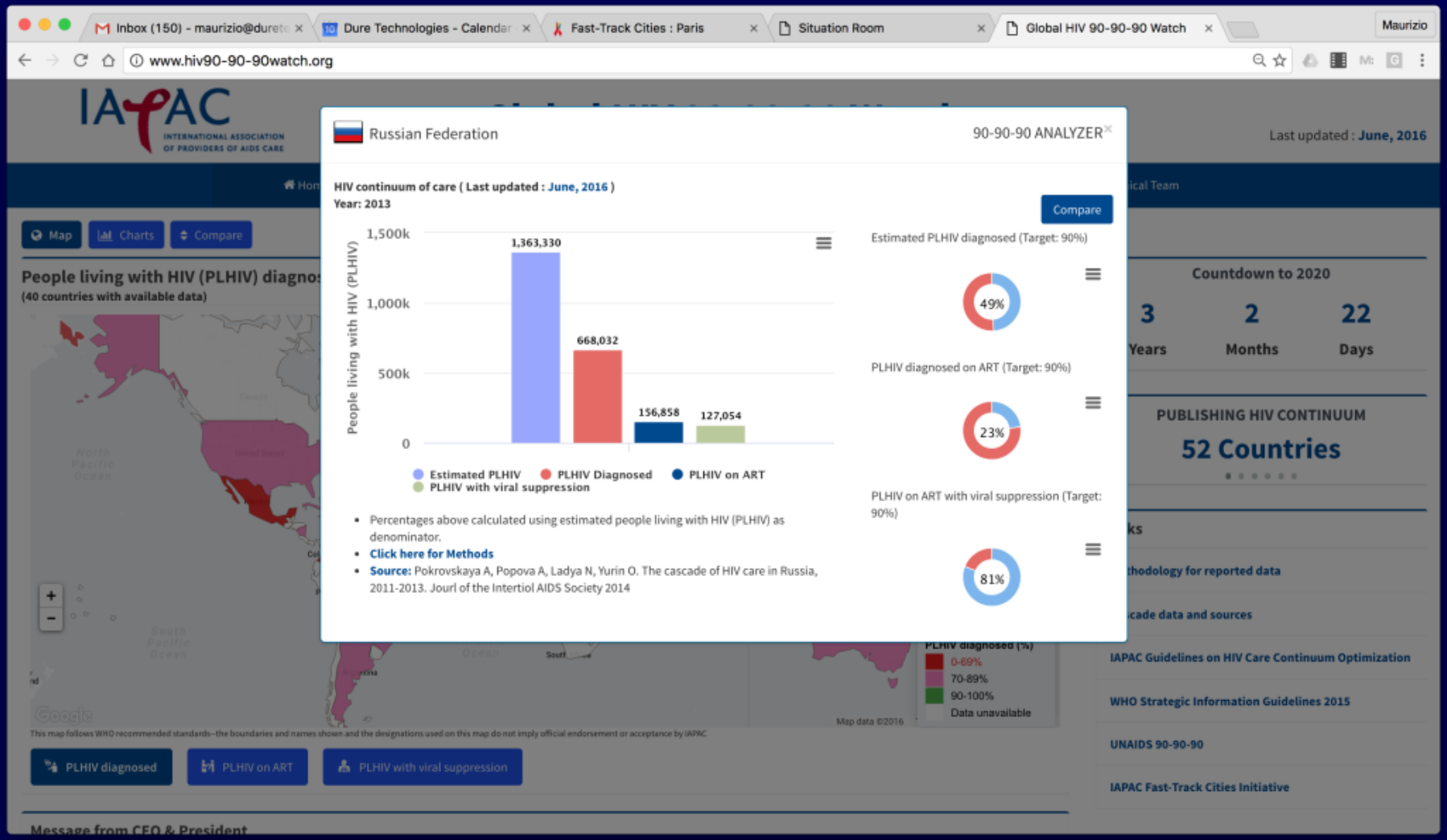
Collecting Real -time data, alerts and notifications

Providing meaningful information for all the stakeholders

iMonitor+ - Smart Cities Open Data



Open Data displayed in real-time to provide geo-localised info relevant to citizens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