

# Smart city and e-governance in India, mapping a new urban landscape

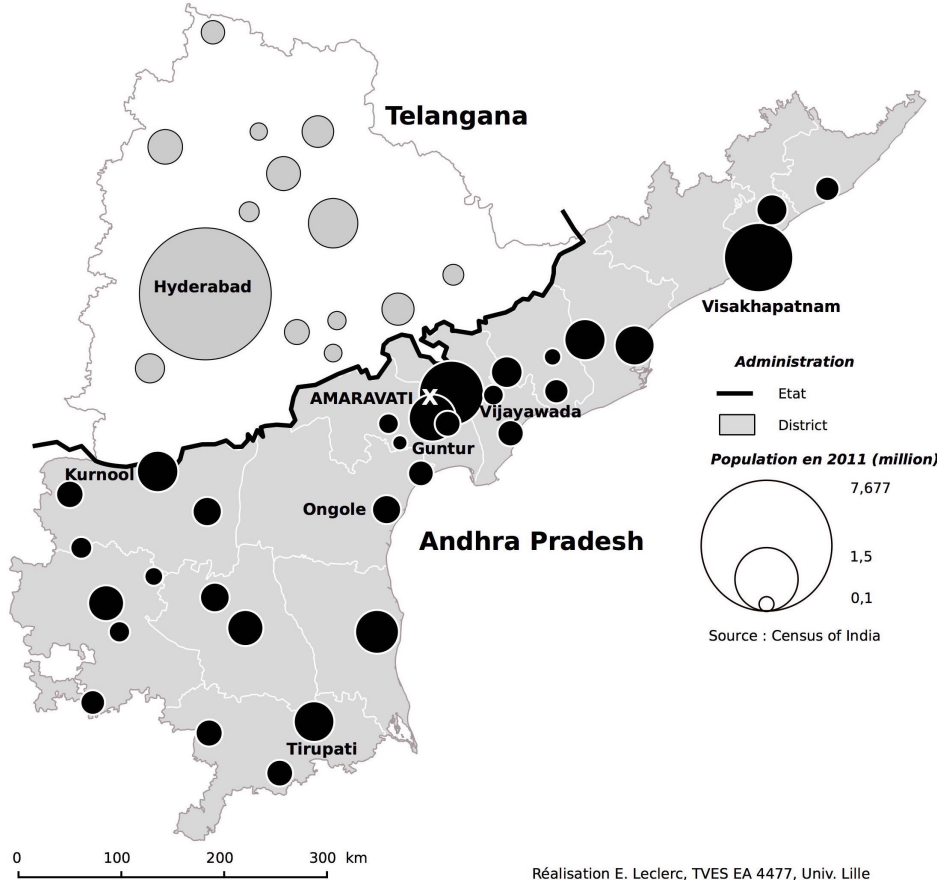
Prof. Eric Leclerc, Université de Lille, France

Représenter les territoires

22-24 mars 2018 Université de Rouen Normandie

# 1. Ville intelligente et e-gouvernance : le cas de l' Andhra Pradesh

## Amaravati within the urban network of Andhra Pradesh



## Web 1.0 ville numérique

- ✓ E-gouvernement / informatisation & e-services
- ✓ TWINS (Hyderabad) par le haut => G2C

## Web 2.0 ville intelligente

- ✓ E-gouvernance (Dameri-2013) par le bas
- ✓ Gouvernement centralisé et en temps-réel
- ✓ Tableau de bord Amaravati
- ✓ Mobilisation des réseaux sociaux



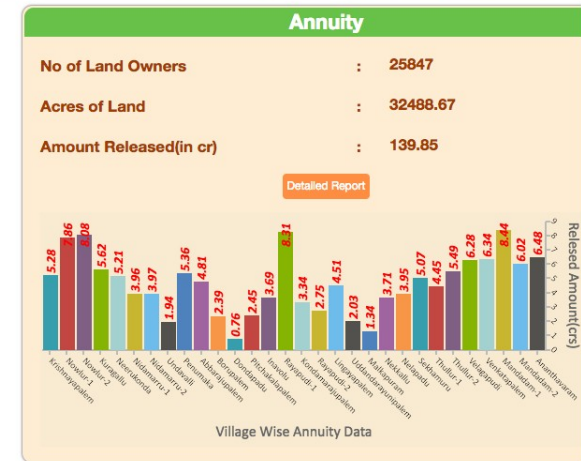
# Gouvernement centralisé et en temps-réel




**ఆంధ్రప్రదేశ్ రాజధాని ప్రాంత అభివృద్ధి ప్రాధికార సంస్థ**  
 Sri N. Chandrababu Naidu  
 Hon'ble Chief Minister & Chairman, CRDA & CA


**Capital Region Development Authority**  
 Government of Andhra Pradesh


 Sri P. Naraiah  
 Hon'ble Minister for Government of Andhra Pradesh



Application smartphone



## Tableau de bord d'Amaravati





## 2. les réseaux de l' e-gouvernance pour Amaravati

FB : 1 M / Twitter : 3,7 M abonnés

51,3 k abonnés



### OUTILS





# 2.1 Hyphe un robot extracteur ciblé, dédié à la recherche

The screenshot shows the 'OVERVIEW' page of the Hyphe interface. It features a sidebar with navigation options: OVERVIEW, IMPORT, CRAWLS, PROSPECT, WEB ENTITIES, NETWORK, and EXPORT. The main content area displays 'CRAWL JOBS' with 21 achieved and 'CONTENT CRAWLED' with 557 pages crawled, 23109 pages discovered, and 27636 links discovered. Below this, 'WEB ENTITIES' are categorized into four groups: IN (33), UNDECIDED (1), DISCOVERED (443), and OUT (10). A disclaimer box is visible in the top left corner.

The screenshot shows the 'DEFINE WEB ENTITY' page. It includes a sidebar with the same navigation options as the overview page. The main area is titled 'DEFINE WEB ENTITY' and contains a 'CHECK THE BOUNDARIES OF EACH WEB ENTITY BEFORE CREATING IT' instruction. Below this, there are sliders for 'ALL TO LEFT' and 'ALL TO RIGHT'. A URL 'http://skyscraperpcity.com/forumdisplay.php?f=4025' is shown with a 'CREATE WEB ENTITY' button below it.

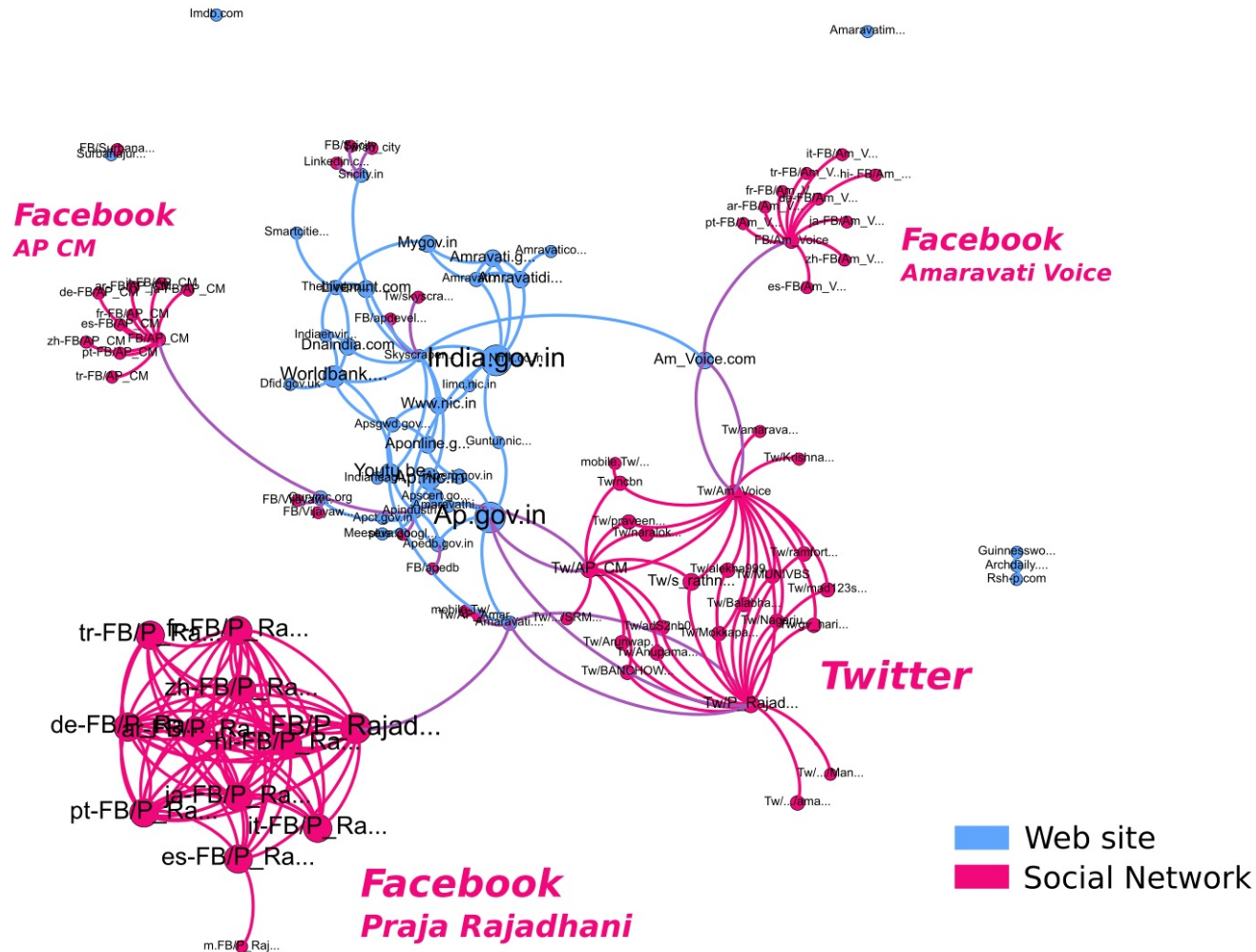
The screenshot shows the 'MONITOR CRAWLS' page. It features a sidebar with navigation options: OVERVIEW, IMPORT, CRAWLS, PROSPECT, WEB ENTITIES, NETWORK, EXPORT, and SETTINGS. The main area displays a grid of crawl jobs with columns for 'Last Hour', 'Today', 'This Week', and 'All Crawls'. Each job card shows the URL, scheduled/finished time, and the number of pages crawled. For example, 'Skyscraperpcity.com /forumdisplay.php' shows 14 pages crawled and 'ACHIEVED' status.

The screenshot shows the 'NETWORK' visualization page. It features a sidebar with navigation options: OVERVIEW, IMPORT, CRAWLS, PROSPECT, WEB ENTITIES, NETWORK, and EXPORT. The main area displays a network graph with nodes and hyperlinks. A 'FILTERING' panel on the right allows users to filter by 'Presets: Corpus, Prospection, Full' and 'WEB ENTITY STATUS: IN (33), UNDECIDED (1), OUT (10), DISCOVERED (443)'. A legend at the bottom explains the 'WEB ENTITY STATUS' and 'LINKS' (Hyperlink between entities).

# 3. Une approche par le haut de la e-gouvernance

## 3.1 deux générations d'entités web

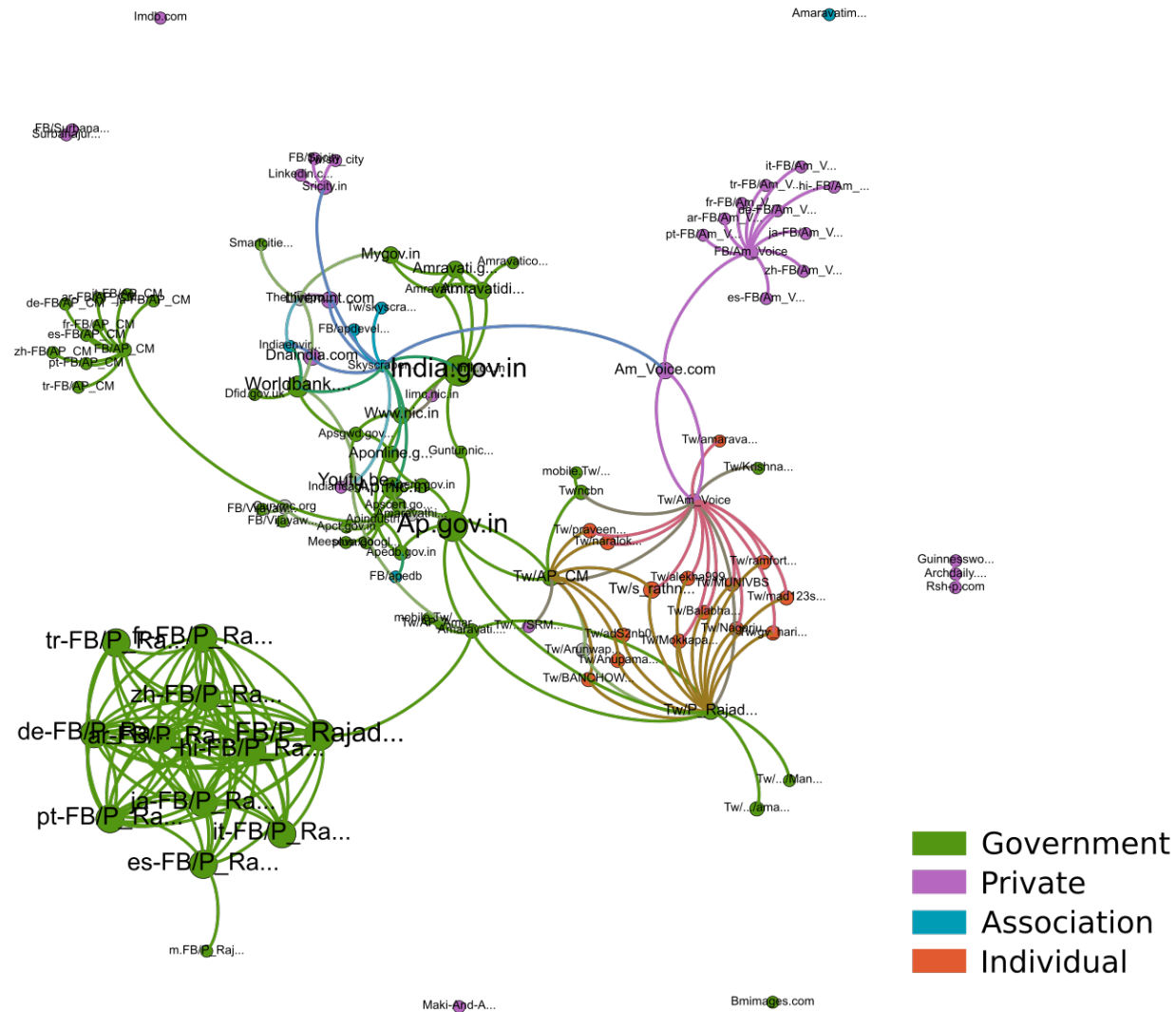
### Amaravati's Network : Type of Web entities





### 3. 2 Un réseau initié par l'État

## Amaravati's Network : Producer of web entities



Eric Leclerc / TVES : Univ-Lille







## 4. Conclusions

### *Analyse structurale du réseau*

- Initié par l'État Andhra => descendante
- Une portée limitée = petit monde
- E-gouvernance ou construction de marque ?

### *Web 2.0 un outil de justice spatiale ?*

- Mythe de la transparence
- Engagement citoyen => participation à la décision

