

Fifth High Level Forum on UN Global Geospatial Information Management

Implementing the Sustainable Development Goals: The Role of Geospatial Technology and Innovation

Session 1: Implementing the SDGs: The relevance of geography and reliable, timely, accessible and disaggregated data

Panel 1 : Implementing the SDGs: The relevance of geography and 'where'

November, 28th 2017

IMPLEMENTING THE SDGs IN BURKINA FASO : THE RELEVANCE OF GEOGRAPHY AND 'WHERE'

Abdoulaye BELEM

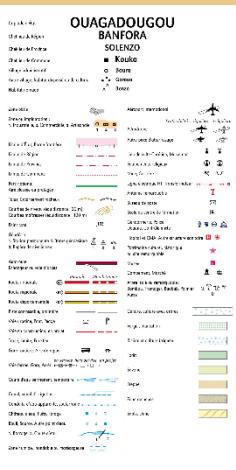
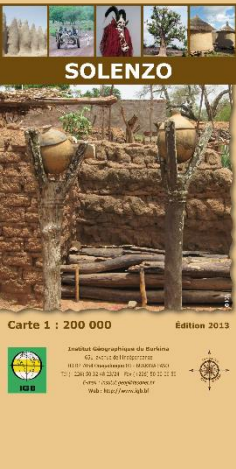
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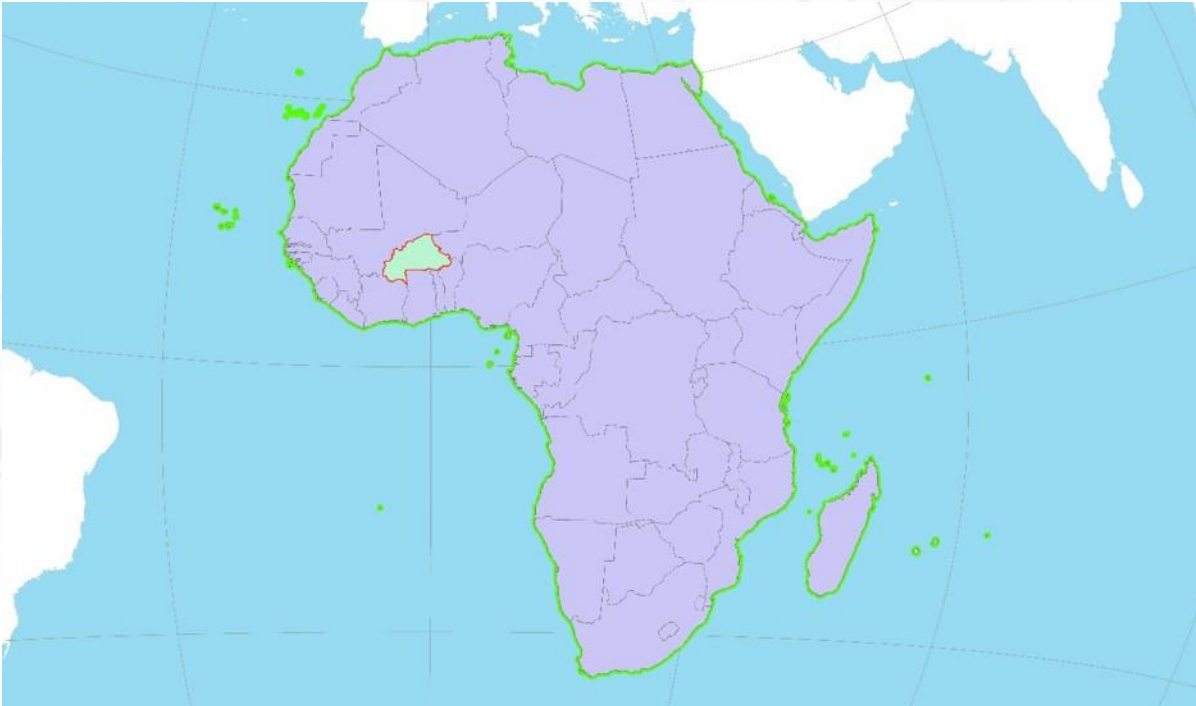


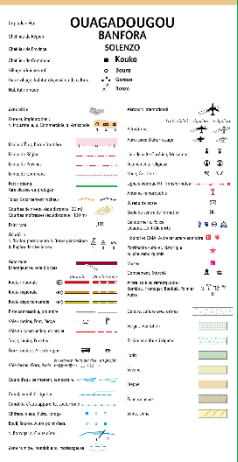
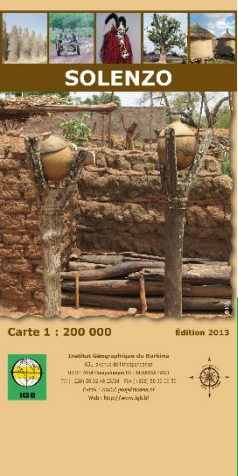
Sheraton Maria Isabel Hotel, Mexico City, Mexico | 28-30 November 2017



Introduction

- Burkina Faso**
 - Landlocked Sahelian country in West Africa
 - Scarcity of the water resources
- Developing countries**
 - Scarcity of financial resources
 - More than 75% of rural population





Content

I. SDGs in Burkina Faso

II. Geospatial in SDGs monitoring

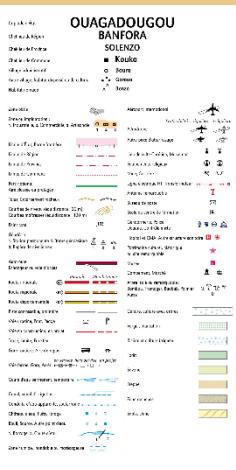
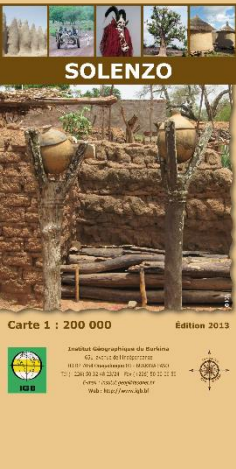
III. Going forward



*Implementing the SDGs in Burkina Faso :
The relevance of geography and 'where'*

Abdoulaye BELEM
Mexico City, Nov. 28th 2017





SDGs in Burkina Faso : From SDGs to PNDES

Context

- The United Nations Sustainable Development Goals (2030)
- African Union Agenda 2063
- Economic Community of West African States Strategic Framework
- West African Economic and Monetary Union Convergence Criteria and Sectorial Policies

National plan for economic and social development (PNDES)

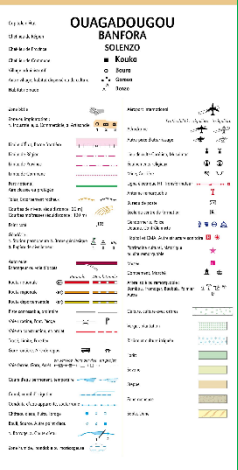
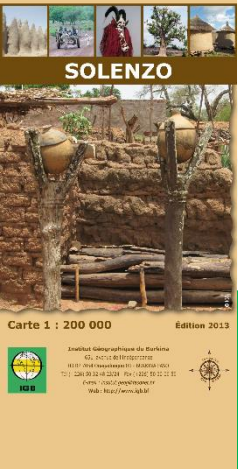
2016 - 2020



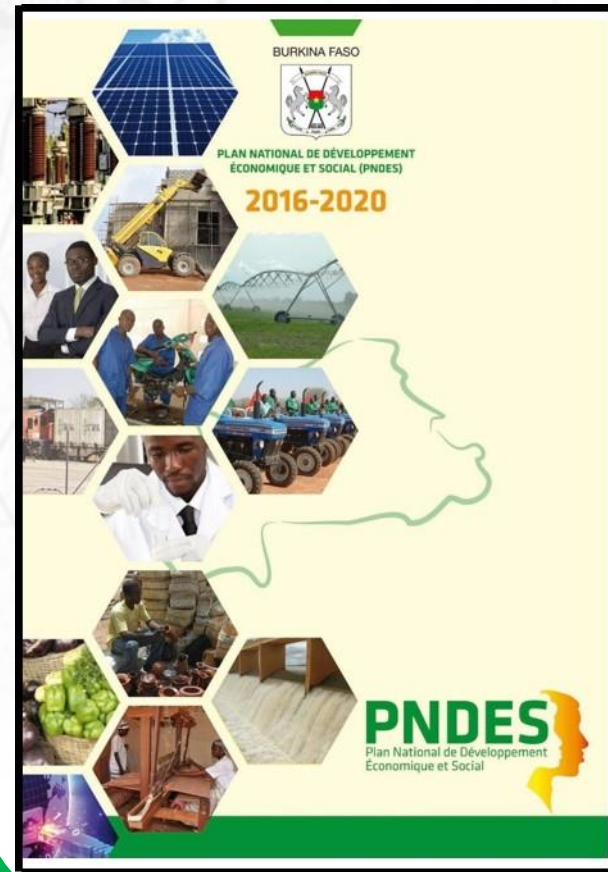
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SDGs in Burkina Faso : From SDGs to PNDES



86 targets of 169 SDGs targets considered

Goal 6. Ensure availability and sustainable management of water and sanitation for all

- 6.1. *By 2030, achieve universal and equitable access to safe and affordable drinking water for all*

Axis 2: Developing human capital

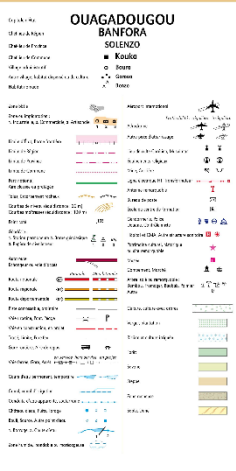
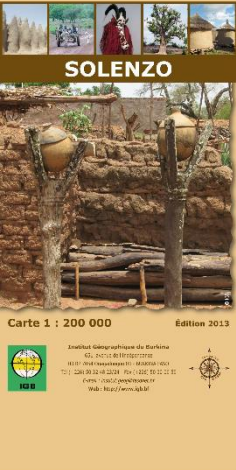
- **Strategic Objective 2.5: Improve the living environment, access to water, sanitation and quality energy services**
- Expected effect 2.5.1: *the access of all to a decent living environment, to water and quality sanitation is guaranteed*



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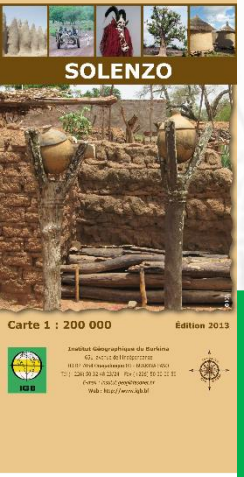


SDGs in Burkina Faso : From SDGs to PNDES

Main implementation standards
Less than 300 inhabitants per water point (drilling)



Less than 1 km from the house to the water point



Geospatial in SDGs monitoring : Drinking water in Burkina Faso

- Demography criteria : less than 300 inhabitants per water point

With statistics ➡ **Just a division**

Total population/Number of water points

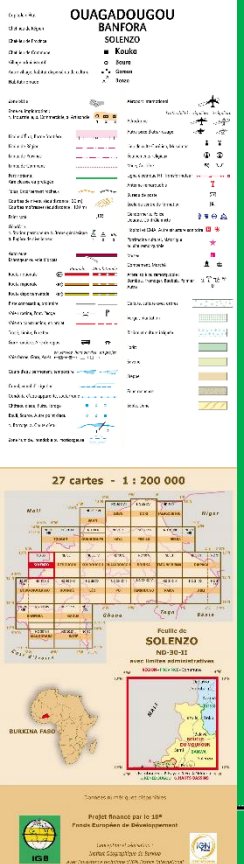
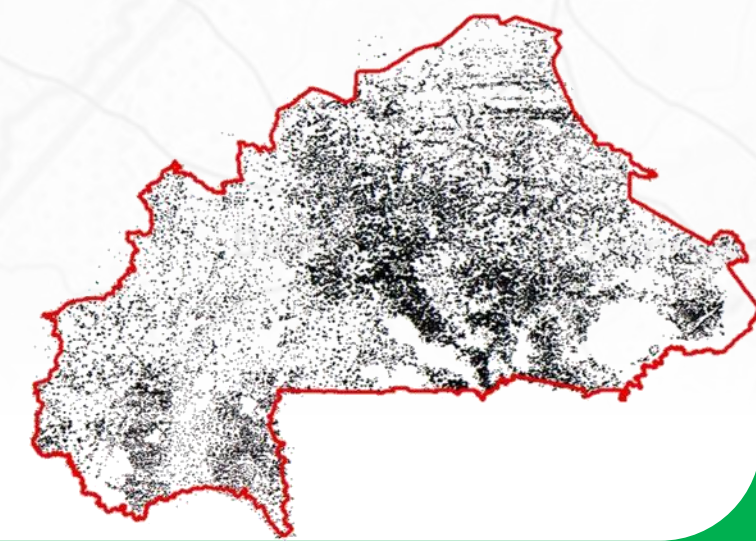
In rural area in 2007, more than 47K modern water point for less than 12M people

12M/47K = 255 ! goal achieved ????

No!

Where are the water points ?

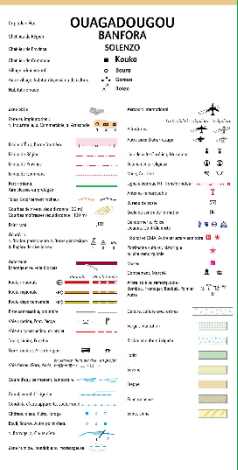
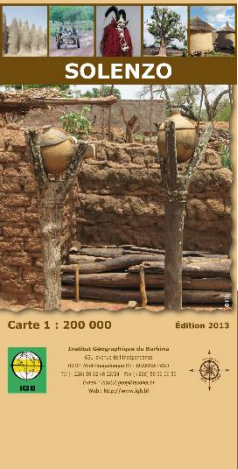
Where are people?



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Geospatial in SDGs monitoring : Drinking water in Burkina Faso

Distance criteria : less than 1 km inhabitants per water point

*With **Where** just make a buffer around the water point points*

89 % of coverage ! *Good*

But which way will people take from house to water point?

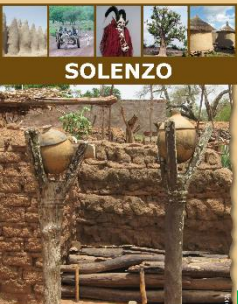
Geography (topography, hydro, forest...)



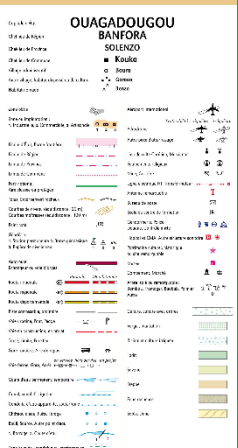
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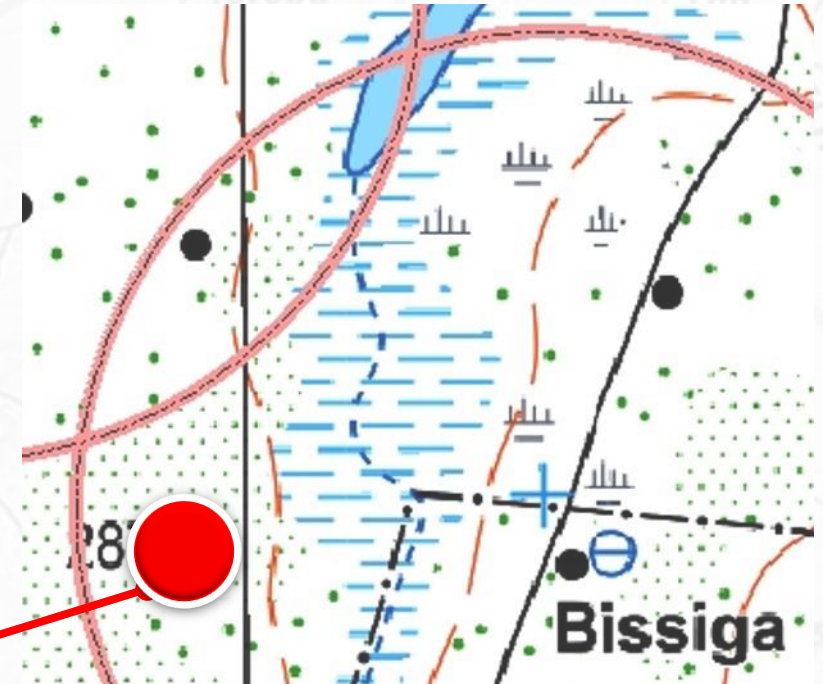
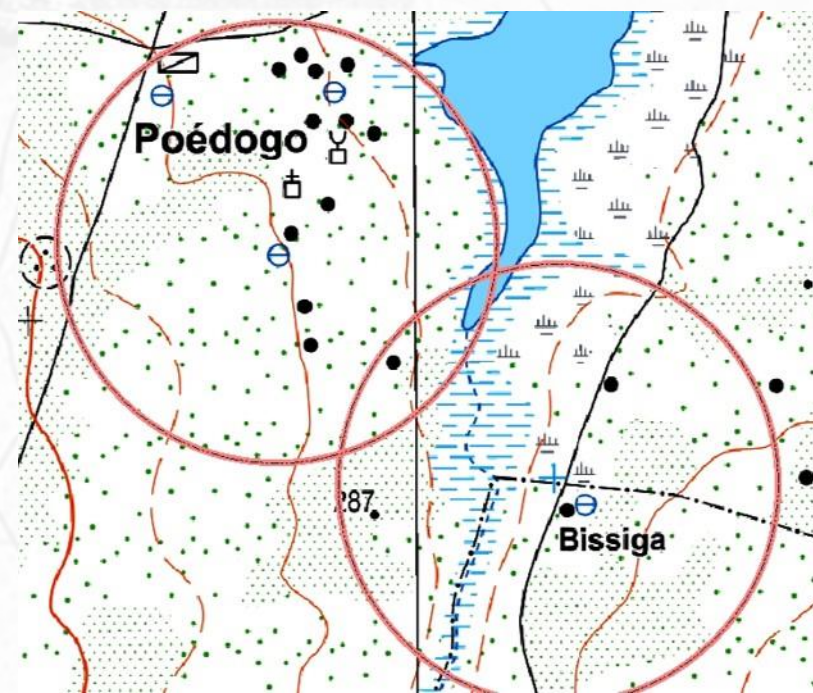




Carte 1 : 200 000 Édition 2013



Geospatial in SDGs monitoring : Drinking water in Burkina Faso



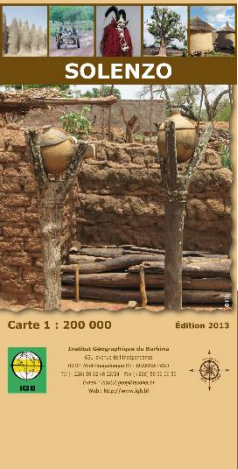
Due to the river, this house is not covered by Bissiga's water point



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Geospatial in SDGs monitoring : Drinking water in Burkina Faso

To monitor this SDG in Burkina, we need Statistics, geography and position!

But the best location may not be the best place

Social consideration

**Need education
an other SDG...**

but time is almost up!



Let's run to next



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Going forward

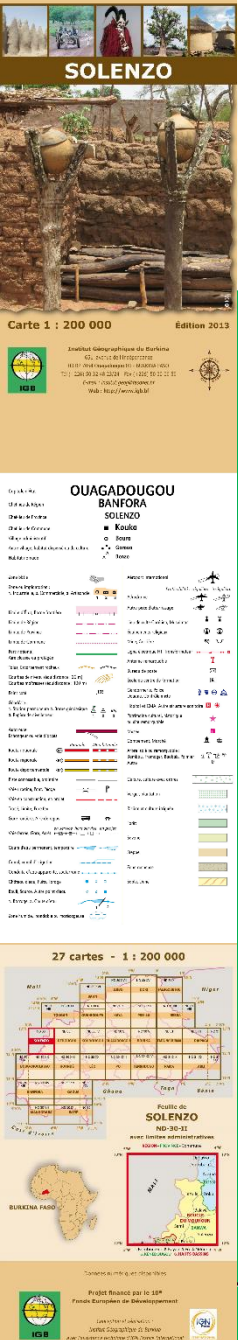
Identify, create and make available the data we need

- Fundamental data themes and standards

UNGGIM : Africa

- Mapping and SDI

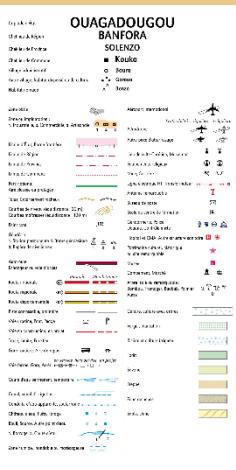
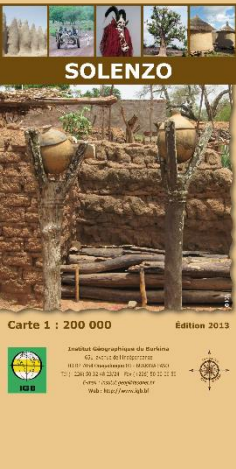
African Action Plan on Global Geospatial Information Management



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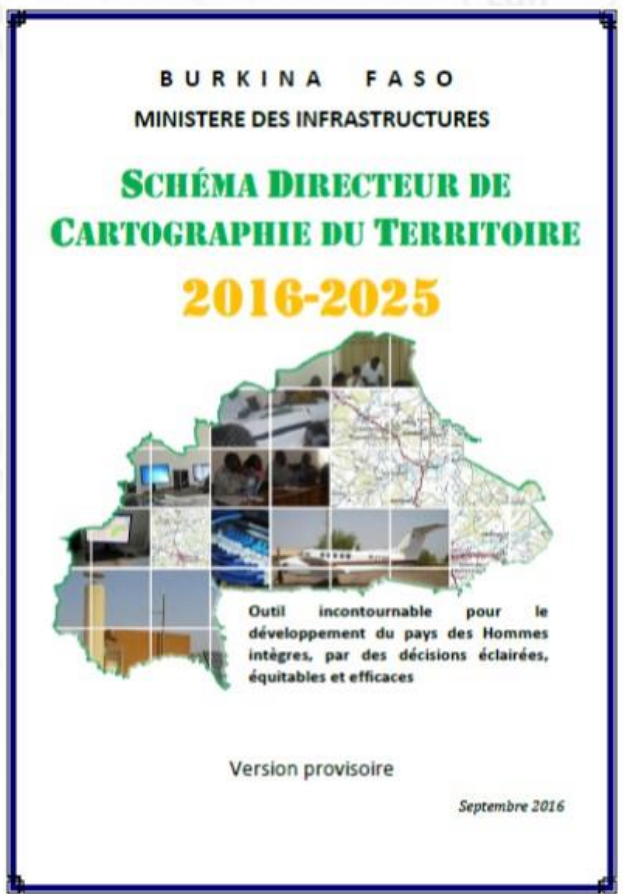


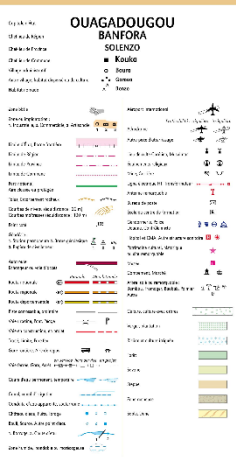
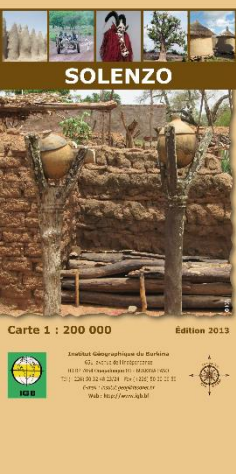


Going forward

For Burkina Faso National plan of mapping (SDCT)

Integration of geospatial in next census





Conclusion

The relevance is not in discussion... for us!
But need advocacy to make politicians involved

Thank you



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