

Conférence REPIC 2016

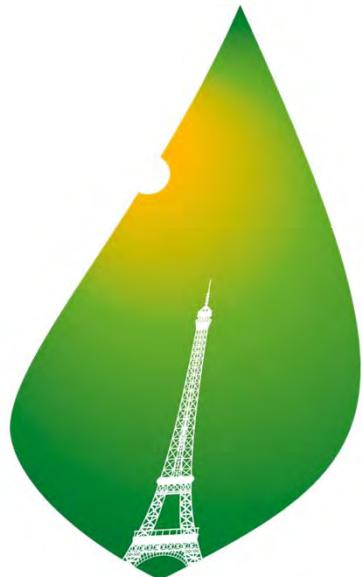
**"Compatibilité, complémentarité et valeur ajoutée de l'eea®
avec d'autres approches internationales »**

Laurent Widmer, SECO
Caroline Huwiler, IDE-E

Berne, 29 juin 2016

EEA – mis en perspective

700 maires pour le Climat



EEA – mis en perspective

COP 22



EEA – mis en perspective

Habitat III



EEA – mis en perspective

L'embarras du choix



ISO 50001
Energy management systems



L'eea – face à d'autres approches de planification énergétique



European Commission (Brussels, Italy), launched in 2008
Sustainable Energy Action Plans (SEAPs) for cities to reduce emissions by 20% until 2020, based on a **GHG emissions inventory**

6030 signatories, 212 Million inhabitants, 57 countries



Autres pays:
Roumanie, Maroc, Tunisie...



World Bank, Energy Sector Management Assistance Program (ESMAP), 2010

Provide decision-support by helping cities quickly identify under-performing sectors, evaluate improvement and cost-saving potential, and prioritize sectors for energy efficiency (EE) intervention.

27 cities, 45 million inhabitants, 17 countries

Sector prioritization City Authority Sector Ranking

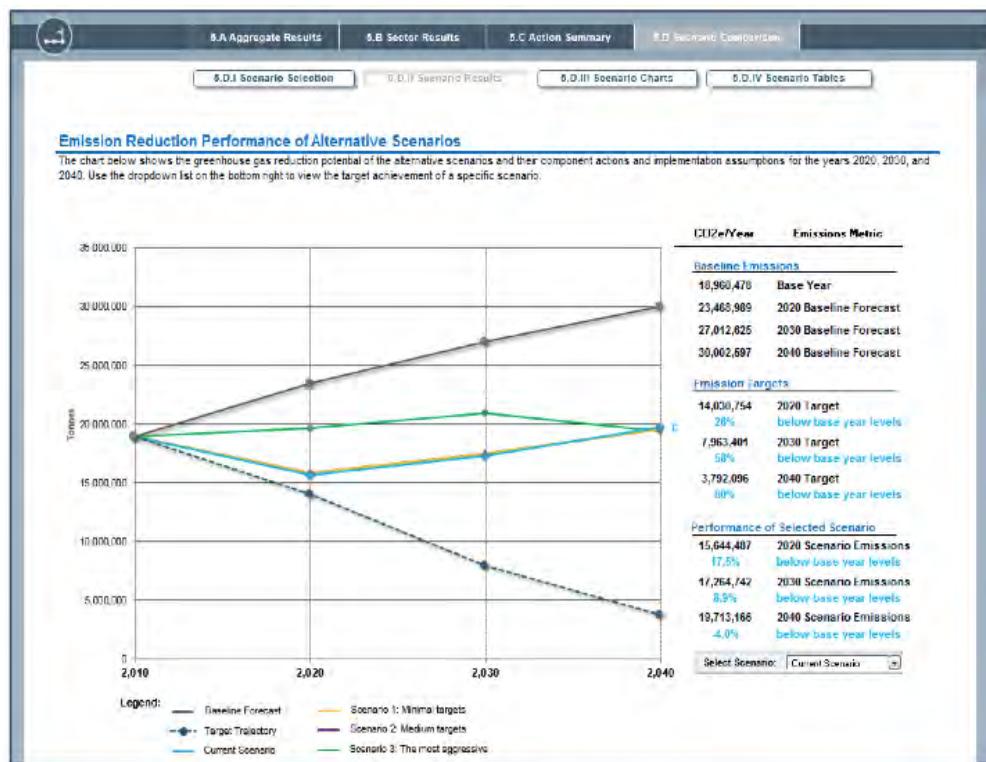
Rank	Sector	REI%	Spending CA (US \$) Control	Score
1	Public Transportation	20.0	917,825,197 0.90	185,226,535
2	Street Lighting	30.0	32,850,000 0.70	6,958,500
3	Potable Water	15.0	12,415,011 0.75	1,396,689
4	Municipal Buildings	20.0	7,461,300 0.50	746,130
5	Wastewater	10.0	1,059,060 0.75	139,430
6	Solid Waste	31.5	0 0.75	0

City Wide Sector Ranking

Rank	Sector	REI%	Spending CA (US \$) Control	Score
1	Private Vehicles	25.0	1,390,516,286 0.85	295,484,710
2	Power	10.0	1,797,937,770 0.10	32,262,000
3	District Heating	0.0	0 0.01	0

Exemple: Bogota, Colombie
Secteurs d'intervention prioritaire

- 1. Transport public**
- 2. Eclairage public**
- 3. Eau potable**



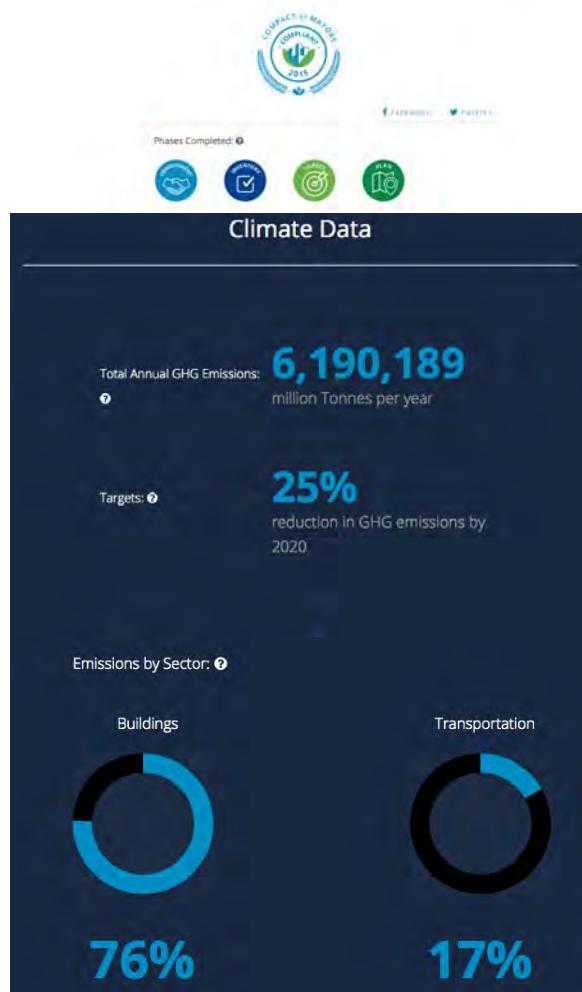
World Bank (2015), partnership with **C40** Cities Leadership Group, now embraced by the **Compact of Mayors**

Assesses the **combined impact of a city's interventions** on urban GHG emissions, local energy demand, and anticipated lifetime costs or savings and how close your city is to achieving its climate action goals

Buenos Aires, Johannesburg, Bangkok, and several cities in India



Paris

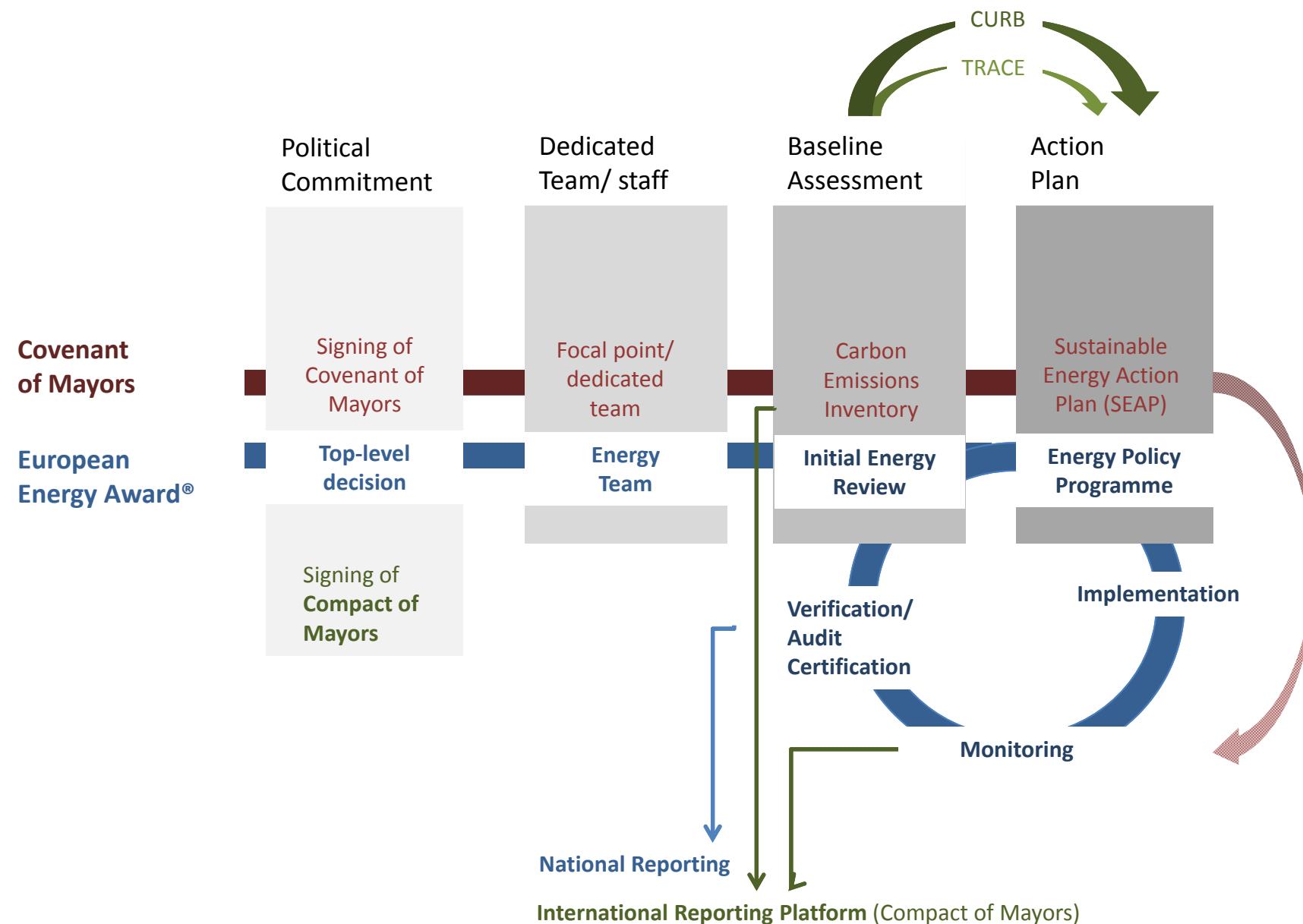


C40 Cities Climate Leadership Group (C40) and the United Cities and Local Governments (UCLG) – with support from UN-Habitat, 2014

- collects **climate data that cities are already reporting** in a transparent manner and **makes it available on a single platform**,
- builds on existing cooperative efforts, partnering with other initiatives to better **measure and communicate** the impact of city action.

514 cities (signatories), 435 Million inhabitants





Au-delà des principaux secteurs d'activité d'une ville, l'eea est la seule approche à considérer des domaines relatifs à la gouvernance locale et territoriale:

	European Energy Award	Covenant of Mayors	TRACE	Compact of Mayors/ CURB
→ Urban Planning		If opportunities identified		
	Municipal Buildings	Compulsory		
	Private/ residential buildings			
	Industry			
	Public Lighting	Compulsory		
	Electricity Production	If opportunities identified		
	Heat Production	If opportunities identified		
	Solid Waste Management	If opportunities identified		
	Water/ Waste Water	If opportunities identified		
		Compulsory		
→ Internal Organisation				
→ Cooperation, Communication				

...en faisant appel à la ville comme **aménageur, régulateur, facilitateur**.

-  Not covered
-  Covered partially, under certain conditions
-  Covered
-  Covered, unique compared with other approaches

Une fois établi le plan d'action, la commune est guidée par un processus – étape par étape – pour optimiser sa gestion énergétique. Même les étapes intermédiaires sont reconnues.



Les barrières d'entrée sont minimes.

La récolte de données se fait au fur à et à mesure.

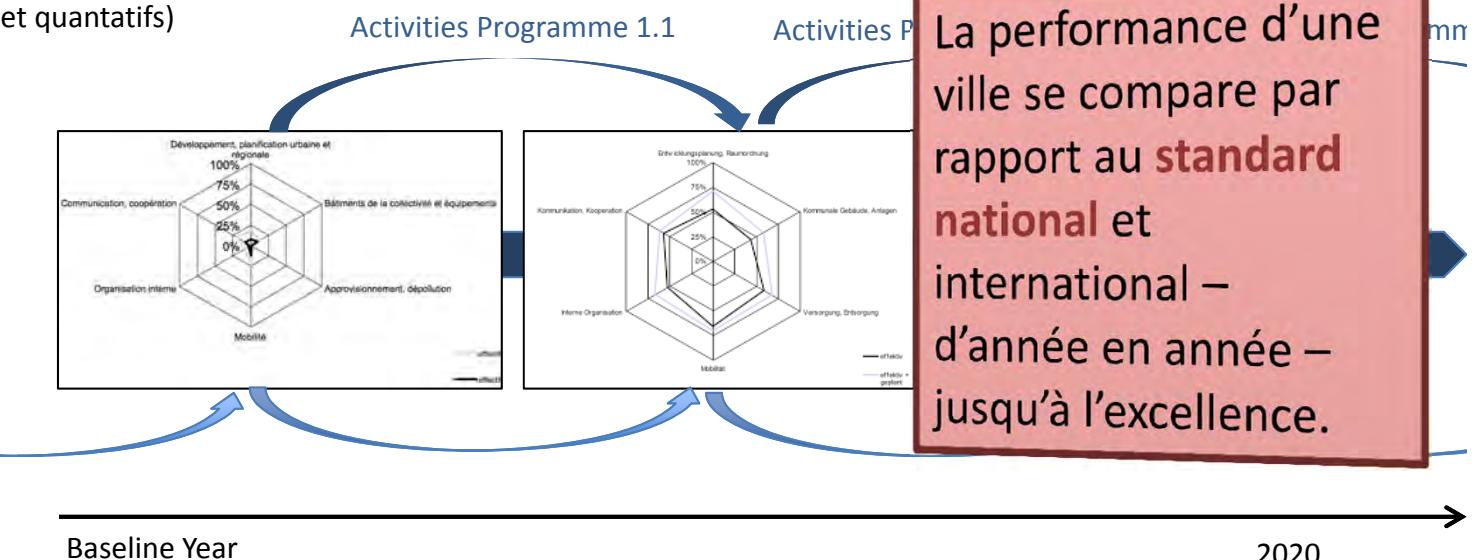


Collect energy & climate data!

- TRACE
- CURB (Compact of Mayors)
- SEAP (Covenant of Mayors)

European Energy Award

- mesures réalisées
- résultats, effets atteints
(→ indicateurs qualitatifs et quantitatifs)

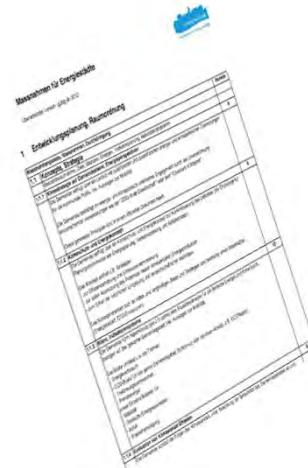


Covenant of Mayors

- réductions d'émission
GES en 2020, par rapport à l'année de base



Les communes qui atteignent 50% ou 75% obtiennent le label “eea” – une distinction exploitable nationalement.



**Comment exploiter la
complémentarité et créer des
synergies avec d'autres
approches?**

