



**Covenant of Mayors**  
for Climate & Energy  
EUROPE



# WEBINAR

## Covenant of Mayors - Europe reporting framework revision

*The webinar will start in a few minutes. Please note that you will be able to hear the speakers, but not to speak. In order to ask questions, use the chat window in the bottom right corner. We will answer them at the end of the presentations, during the Q&A session.*

*If you have sound problem, close the Adobe Connect session and your browser; then reopen both to join the session. You can also check your headset settings under the 'Meeting' menu, in the 'Manage My Settings' submenu, using the 'Audio Setup Wizard'.*



21 May 2019



GLOBAL COVENANT  
of MAYORS for  
CLIMATE & ENERGY



# Agenda



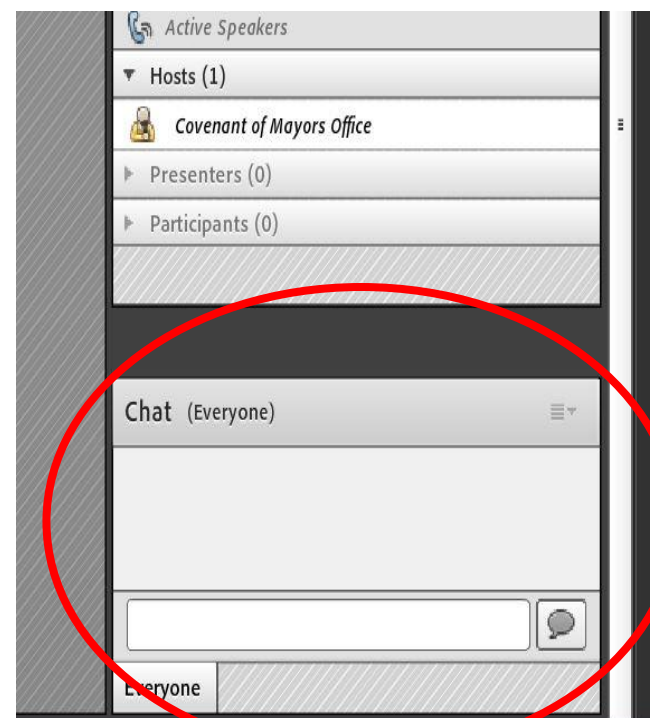
- ✓ Introduction
- ✓ Revision process overview (objectives & main changes)
- ✓ Main outcomes of the revision process
  - “Strategy”
  - “Baseline Emission Inventory”
  - “Risk & Vulnerability Assessment”
  - “Action plan”
  - “Actions”
- ✓ Questions & answers

Presented by the Covenant of Mayors Office:  
Lucie Blondel, Giustino Piccolo & Petya Pishmisheva



# Questions & answers

**Use the chat window  
to ask questions**





# Revision process overview

*Lucie Blondel*  
*Covenant of Mayors Office*



1.

**WHAT** is the CoM-Europe reporting framework?

2.

**WHY** is it under revision?

3.

**HOW** has it been revised?

4.

**WHAT** are the desired outcomes?





# The European Covenant reporting framework



- ✓ Composed of: a reporting template & reporting guidelines
- ✓ Developed in consultation with city experts
- ✓ Regularly updated & consolidated to align with cities' needs & expectations, local contexts, but also EU policy framework
- ✓ Adjustable to signatories' situation

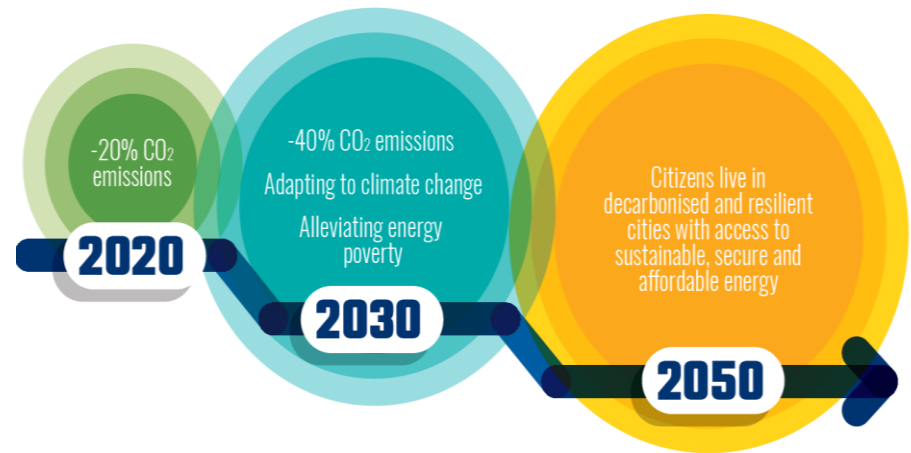


## 2 WHY to revise it?

# New context & new challenges



Greater scope & extended time horizon



Greater geographic reach



New partnerships



# Objectives of the reporting framework revision



- ✓ Integrating the recommendations made by city experts during the last consultation meeting into the existing template
- ✓ Elaborating further the pillars on adaptation and energy poverty
- ✓ Ensuring coherence with the Global Covenant reporting framework and the international context



# → Focus on the EU Covenant Practitioners Group



- ✓ Made of: city experts from different countries and professional backgrounds
- ✓ Their role:
  - ✓ share experience and expertise in climate change mitigation, adaptation and/or energy poverty
  - ✓ Providing input on key methodological and strategic developments of the initiative (review documents, test and approve final outcomes)
- ✓ Proposed consultation formats: annual meetings, surveys & pilot tests held whenever needed

# → Focus on the Global Covenant common reporting framework



Developed by: multi-disciplinary experts from GCoM partners and in consultation with regional stakeholders and city experts

Built on pre-existing and broadly used reporting frameworks

Threefold objective:

- Supporting solid climate action planning, implementation and monitoring phases – while streamlining measurement and reporting procedures
- Allowing global aggregation and comparison of data from different regions
- Showcasing achievements & tracking progress transparently



### 3 HOW to revise it?



EU LEVEL

# Main steps of the revision process



- ✓ Survey conducted in **Oct-Nov 2017** – 24 responses collected
- ✓ 1<sup>st</sup> consultation meeting held in **Dec 2017** to discuss the outcomes – 27 practitioners attended
- ✓ Elaboration of a draft revised template in **Sept 2018-Jan 2019**
- ✓ **Online consultation** – (+/-)150 experts targeted
- ✓ 2<sup>nd</sup> consultation meeting held in **March 2019** – 15 practitioners attended
- ✓ Test run in **April-May 2019** – 14 pilot cities involved
- ✓ Online Webinar for all European cities in **May 2019**



# Main steps of the revision process



- ✓ Participation of the CoM-Europe partners in working group meetings with Global Covenant partners to define a possible 'Common Reporting Framework' (CRF) for regional Covenants **in Nov 2017-Sept 2018**
- ✓ Survey on CRF conducted in **May-June 2018** –100 responses collected from **European cities/stakeholders**
- ✓ Development of a Guidance Note on the Global Covenant CRF **since Oct-2018** (still ongoing)
- ✓ 'Regionalisation' of the CFR in the regions

# Main principles



- ✓ Allowing for the **continuation of reporting requirements** by current signatories
- ✓ Allowing **flexibility to suit differentiated local circumstances and needs**
- ✓ Focusing on the information **relevant to the European local authorities' situation**, thus reflecting their local specificities, jurisdiction and competences
- ✓ Allowing for **consistency with national and/or sub-national requirements**, but also with the new global “common reporting framework”

# Main principles



## What does it mean?

- ✓ European Covenant minimum requirements will not be changed, despite the ongoing revision
- ✓ “Notation keys” will be used to facilitate the transition from “current” to “new” reporting framework - in particular for the additional fields under the ‘emission inventory’ tab
- ✓ A smooth transition period will be proposed and further support activities offered to cities in order to well accompany them in the process



WHAT outcomes?

# Main changes proposed



- ✔ Simplify the fields deemed too difficult to fill in or even remove the fields deemed less relevant
- ✔ Limit the number of open text fields to ease the form completion and the aggregation → *replaced by multiple choice fields*
- ✔ Make some parts more specific for more advanced cities → *insertion of additional -but optional- drop-down menus*
- ✔ Better integrate the adaptation fields with the rest of the template → *merge of the 'mitigation actions' & 'adaptation actions' tabs*
- ✔ Improve the online interface → *self-adjusting content*



## IMPORTANT!

**1) Self-adjusted content** = The content of the template is (and will be) adjusted according to several criteria:

### Commitments

- ✓ Mitigation
- ✓ Adaptation
- ✓ Energy poverty

### Time horizon

- ✓ 2020
- ✓ 2030
- ✓ other(s)

### Status in the process

- ✓ city committed
- ✓ action plan monitored
- ✓ progress reported

**2) Automatic data transfer** = The data previously-reported in the previous versions of the template will be transferred in the new one





# Strategy

*Giustino Piccolo*  
*Covenant of Mayors Office*

# Strategy | Main changes

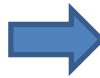


- Titles ~ *minor adjustments*
- Text-free fields vs drop-down menus
- Simplified budget & staff capacity information

# Strategy | Coordination & organisational structure



3) Coordination and organisational structures created/assigned



Type of administrative structure

- **Mono-sectoral** - (one officer of) one sectoral department assigned within the municipal administration
- **Multi-sectoral** - several departments assigned within the municipal administration
- **Multi-level** - several departments assigned at different level(s) of governance (e.g. provincial/regional)

Comments [v] ⓘ Click on the [+/-] button on the left to expand or collapse.

## New title:

- **Administrative structure**

## ★ Similar approach for:

- **Stakeholders involvement**

## Drop-down:

- **mono-sectoral**
  - (one officer of) one sectoral department assigned within the municipal administration
- **multi-sectoral**
  - several departments assigned within the municipal administration
- **multi-level**
  - several departments assigned at different level(s) of governance (e.g. province/region)

# Strategy | Budget



6) Overall budget for implementation and financing sources

Source	Budget foreseen for plan implementation (€)					
		Mitigation		Adaptation		
		<u>Investment</u> (€)	<u>Non-investment</u> (€)	<u>Investment</u> (€)	<u>Non-investment</u> (€)	
Local Authority's own resources	[Select x]			[Select x]		
Other actors:	[Select x]	0	0	[Select x]	0	0
- National Funds & Programmes	[Select x]			[Select x]		
- EU Funds & Programmes	[Select x]			[Select x]		
- Private	[Select x]			[Select x]		
<b>Total</b>		0	0		0	0

*[Select v for the ones that are applicable]*

41 years

Overall budget foreseen for plan implementation		
<b>Total (€)</b>	<b>Mitigation (%)</b>	
	<b>Adaptation (%)</b>	
Budget period		
	<b>From:</b>	2012
	<b>To:</b>	2030



Financing sources	Share (in % of overall budget)	
Local Authority's own resources	<input type="checkbox"/>	
<b>External sources</b>		
> Public	<input type="checkbox"/>	
> Private	<input type="checkbox"/>	
Not allocated to any sources		

Comments [v]

*[Click on the +/- button on the left to expand or collapse.]*



# Baseline Emission Inventory (BEI)

*Giustino Piccolo*  
*Covenant of Mayors Office*

# 'BEI' | Main changes



## ✓ Notation keys

### ✓ Better description of the sectors with **sub-sectors** (optional)

- buildings, equipment/facilities and industries
- transport
- non-energy related sectors

### ✓ Possible use of **national/regional emissions factors**

- source shall be provided

# 'BEI' | Notation keys



## Notation keys

- "NO" (not occurring)
- "NE" (not estimated)
- "IE" (included elsewhere)
- "C" (confidential)

Sector		Electricity	District heating and cooling	Energy		
				Natural gas	Liquid gas	Heat
<b>BUILDINGS, EQUIPMENT/FACILITIES AND INDUSTRIES</b>						
<u>Municipal buildings, equipment/facilities</u>		0	0	0	0	
	<u>Municipal buildings, equipment/facilities</u>	NE	NE	NE	NE	
	<u>Public lighting</u>	NE	NE	NE	NE	
	<u>Other</u>	NE	NE	NE	NE	
<u>Tertiary (non municipal) buildings, equipment/facilities</u>		0	0	0	0	
	<u>Institutional buildings</u>	NE	NE	NE	NE	
	<u>Other</u>	NE	NE	NE	NE	
<u>Residential buildings</u>		NE	NE	NE	NE	
<u>Industry</u>						
	<u>Non-ETS</u>	NE	NE	NE	NE	
	<u>ETS (not recommended)</u>	NE	NE	NE	NE	
<u>Buildings, equipment/facilities and industries not allocated</u>		NE	NE	NE	NE	
Subtotal		#VALUE!	#VALUE!	#VALUE!	#VALUE!	#

# 'BEI' | Sub-sectors (1)

 Optional



## Buildings, equipment/facilities and industries

Sector	
<b>BUILDINGS, EQUIPMENT/FACILITIES AND INDUSTRIES</b>	
<u>Municipal buildings, equipment/facilities</u>	
	<u>Municipal buildings, equipment/facilities</u>
	<u>Public lighting</u>
	Other
<u>Tertiary (non municipal) buildings, equipment/facilities</u>	
	Institutional buildings
	Other
<u>Residential buildings</u>	
<u>Industry</u>	<u>Non-ETS</u>
	<u>ETS</u> (not recommended)
Buildings, equipment/facilities and industries not allocated	
<b>Subtotal</b>	



# 'BEI' | Sub-sectors (2)

 Optional



## Transport

TRANSPORT	
<u>Municipal fleet</u>	
	Road
	Other
<u>Public transport</u>	
	Road
	Rail
	Local and domestic waterways
	Other
<u>Private and commercial transport</u>	
	Road
	Rail
	Local and domestic waterways
	Local aviation
	Other
Transport not allocated	
Subtotal	

# 'BEI' | Sub-sectors (3)



 **Non-energy related sectors**  Optional

Non-energy related sectors		CO <sub>2</sub> eq. emissions [t]	Activity data (tons)
<u>Waste management</u>		0	0
	Solid waste disposal	NE	
	Biological Treatment of Solid Waste	NE	
	Incineration and Open Burning of Waste	NE	
	Other	NE	
		CO <sub>2</sub> eq. emissions [t]	Activity data (m3)
<u>Wastewater treatment and discharge</u>		NE	
<u>Other non-energy related such as fuggitive emissions</u>		NE	

# 'BEI' | Other changes



## ✔ Energy carriers

- biogas included

## ✔ Green electricity (table B1)

- distinction between: purchases & sales

## ✔ Local energy production (tables B2 & B3)

- limit of 20 MW for the energy generation for renewable energy and cogeneration removed



# Risk & Vulnerability Assessment (RVA)

*Petya Pishmisheva*  
*Covenant of Mayors Office*



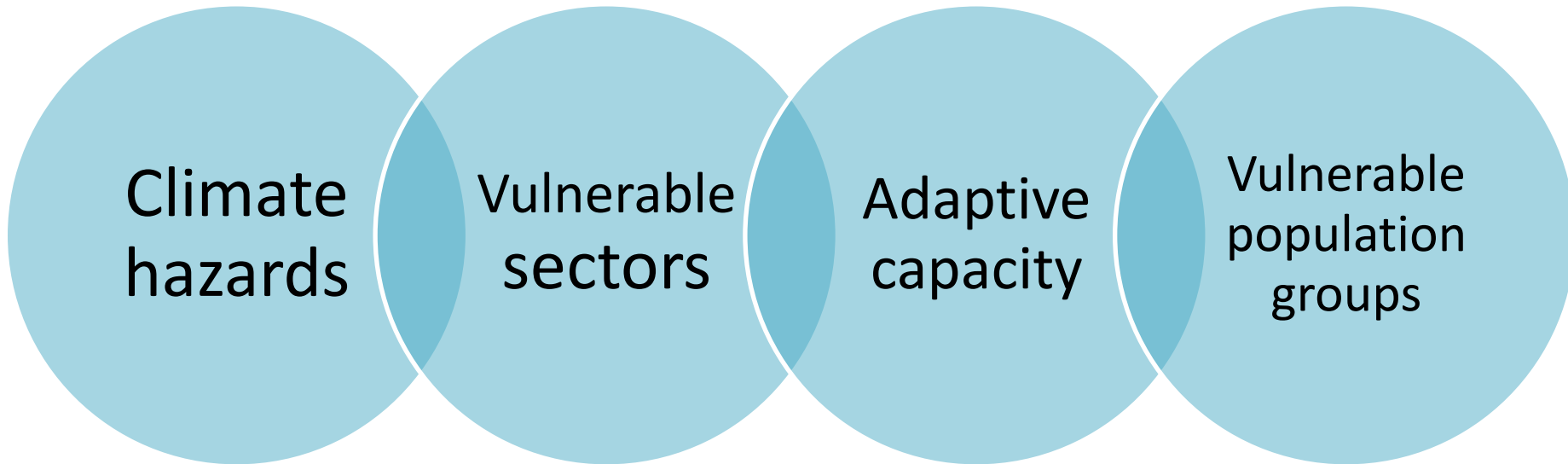
# 'RVA' | Main changes

- ✓ **Simplification and linkages** between climate hazards, vulnerable sectors and vulnerable population groups
- ✓ Better **coherence with IPCC** conceptual framework and terminology
- ✓ Inclusion of categories of **sub-hazards** (optional)
- ✓ Integration of the concept of **adaptive capacity** (optional)
- ✓ Increased **user-friendliness** of the online template

# 'RVA' | Overview



Aspects covered in the Risk & Vulnerability Assessment:



# 'RVA' | Some features of the template



- ✓ Step-wise approach → to improve the interface
- ✓ Automatically-generated / self-adjusting content based on previous choices → to reduce the number of fields to be filled
- ✓ Possibility for multiple choice
- ✓ Mandatory vs. optional content clearly defined

# Climate hazards



 *Mandatory*

**Step 1)** Choose the climate hazard relevant to your local authority:

- Extreme heat
- Extreme cold
- Heavy precipitation
- Floods & sea level rise
- Droughts & water scarcity
- Storms
- Mass movement
- Wild fires
- Other (specify)

*Note:* Definitions of climate hazards are included in the template



# Climate hazards | Sub-hazards



 *Optional*

**Step 2)** Under each selected hazard, choose relevant sub-hazards:

- Extreme heat
- Extreme cold
- Heavy precipitation
  - Heavy rainfall*
  - Heavy snowfall*
  - Fog*
  - Hail*
- Floods & sea level rise
  - Flash / surface flood*
  - River flood*
  - Coastal flood*
  - Groundwater flood*
  - Permanent inundation*
- Droughts and water scarcity
- Storms
  - Severe wind*
  - Tornado*
  - Cyclone (hurricane / typhoon)*
  - Tropical storm*
  - Extratropical storm*
  - Storm surge*
  - Lightning / thunderstorm*
- Mass movement
  - Landslide*
  - Avalanche*
  - Rockfall*
  - Subsidence*
- Wild fires
  - Forest fire*
  - Land fire*
- Other (specify)
  - Biological hazard*
  - Chemical change*

# Climate hazards | Current & future



 *Mandatory*

**Step 3)** For each selected hazard (and sub-hazard), define the current risk and future hazards:

Climate hazard(s)	Current <u>risk</u> of hazard occurring		Future hazards		
	Probability of hazard	<u>Impact</u> of hazard	Expected change in hazard intensity	Expected change in hazard frequency	<u>Timeframe</u> <i>↪ multiple choice possible</i>
<b><i>Automatically generated:</i></b> <i>Hazards selected at Steps 1 and 2</i>	<ul style="list-style-type: none"> <li>• Low</li> <li>• Moderate</li> <li>• High</li> <li>• Not known</li> </ul>	<ul style="list-style-type: none"> <li>• Low</li> <li>• Moderate</li> <li>• High</li> <li>• Not known</li> </ul>	<ul style="list-style-type: none"> <li>• Increase</li> <li>• Decrease</li> <li>• No change</li> <li>• Not known</li> </ul>	<ul style="list-style-type: none"> <li>• Increase</li> <li>• Decrease</li> <li>• No change</li> <li>• Not known</li> </ul>	<ul style="list-style-type: none"> <li>• Short-term</li> <li>• Mid-term</li> <li>• Long-term</li> <li>• Not known</li> </ul>
...	...	...	...	...	...
...	...	...	...	...	...

*Note:* Underlined terms are defined in the template

# Climate hazards | Example



Climate hazard(s)	Current <u>risk</u> of hazard occurring		Future hazards		
	Probability of hazard	<u>Impact</u> of hazard	Expected change in hazard intensity	Expected change in hazard frequency	<u>Timeframe</u>
<input checked="" type="checkbox"/> Extreme heat	High	High	Increase	Increase	Short-term; Mid-term
<input checked="" type="checkbox"/> Storms	High	Moderate	Increase	Not known	Mid-term
<input checked="" type="checkbox"/> <i>Severe wind</i>	Moderate	High	No change	Increase	Short-term; Mid-term
<input checked="" type="checkbox"/> <i>Storm surge</i>	Moderate	Moderate	Not known	Increase	Short-term; Mid-term
<input checked="" type="checkbox"/> Wild fires	High	High	No change	Increase	Short-term

# Vulnerable sectors

 Mandatory



**Step 4)** For each hazard, choose the relevant vulnerable sectors

*You will see the hazards selected under Step 1 automatically generated .*

Climate hazards	Relevant vulnerable sectors <i>↪ multiple choice possible</i>	Current vulnerability level
<p><i>Automatically generated:</i></p> <p><i>Hazards selected at Step 1</i></p>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Buildings</li> <li><input type="checkbox"/> Transport</li> <li><input type="checkbox"/> Energy</li> <li><input type="checkbox"/> Water</li> <li><input type="checkbox"/> Waste</li> <li><input type="checkbox"/> Land use planning</li> <li><input type="checkbox"/> Agriculture &amp; forestry</li> <li><input type="checkbox"/> Environment &amp; biodiversity</li> <li><input type="checkbox"/> Health</li> <li><input type="checkbox"/> Civil protection &amp; emergency</li> <li><input type="checkbox"/> Tourism</li> <li><input type="checkbox"/> Education</li> <li><input type="checkbox"/> ICT (Information &amp; communication technologies)</li> <li><input type="checkbox"/> All listed sectors</li> <li><input type="checkbox"/> Not known</li> </ul>	<ul style="list-style-type: none"> <li>• Low</li> <li>• Moderate</li> <li>• High</li> <li>• Not known</li> </ul>
...	...	...

*Note:* Definitions of sectors are included in the template

# Vulnerable sectors | Example



Climate hazards	Relevant vulnerable sectors	Current vulnerability level
<input checked="" type="checkbox"/> Extreme heat	<input checked="" type="checkbox"/> Buildings	High
	<input checked="" type="checkbox"/> Energy	Moderate
	<input checked="" type="checkbox"/> Transport	Moderate
<input checked="" type="checkbox"/> Storms	<input checked="" type="checkbox"/> Water	High
	<input checked="" type="checkbox"/> Energy	High
	<input checked="" type="checkbox"/> Transport	Moderate
<input checked="" type="checkbox"/> Wild fires	<input checked="" type="checkbox"/> Transport	Low

# Vulnerable sectors | Indicators



 *Optional*

*The template includes a non-exhaustive list of indicators for vulnerable sectors = illustrative examples that serve as a source of inspiration only.*

*It is possible to use/modify the example indicators or add own indicators.*

ID#	Sector(s)	Indicators	Measurement unit	Numerical value
1.1	Buildings	Number or % of (public/residential/tertiary) buildings damaged by extreme weather conditions	(per year / over a certain period)	
1.2	Transport, Energy, Water, Waste, ICT	Number or % of transport/energy/water/waste/ICT infrastructure damaged by extreme weather conditions	(per year / over a certain period)	
1.3	Land Use Planning	% of grey/blue/green areas affected by extreme weather conditions/events (e.g. Heat islands)	%	
1.4	Transport, Energy, Water, Waste, Civil Protection & Emergency	Number of days with public service interruptions (e.g. energy/water supply, health/civil protection)	No.	
1.5	Transport, Energy, Water, Waste, Civil Protection & Emergency	Average length (in hours) of the public service interruptions (e.g. energy/water supply, health/civil protection)	hours	
1.6	Health	Number of people injured/evacuated/relocated due to extreme weather event(s) (e.g. heat or cold waves)	(per year / over a certain period)	
1.7	Health	Number of deaths related to extreme weather event(s) (e.g. heat or cold waves)	(per year / over a certain period)	
1.8	Civil Protection & Emergency	Average response time (in min.) for police/fire-fighters/emergency services in case of extreme weather conditions	min.	
1.9	Health	Number of water quality warnings issued	%	
1.10	Health	Number of air quality warnings issued	No.	
1.11	Environment & Biodiversity	% of areas affected by soil erosion / soil quality degradation	%	
1.12	Environment & Biodiversity	% of habitat losses from extreme weather event(s)	%	
1.15	Agriculture & Forestry	% of agriculture losses from extreme weather conditions/events (e.g. drought/water scarcity)	%	
1.16	Agriculture & Forestry	% of livestock losses from extreme weather conditions	%	
1.17	Agriculture & Forestry	% change in crop yield / evolution of the annual grassland productivity	%	
1.22	Tourism	% change in tourist flows / tourism activities	%	
1.23	Other	€ annual direct economic losses (e.g. in commercial/agricultural/industrial/touristic sectors)	€/year	
1.24	Other	€ annual amount of compensation received (e.g. insurance)	€/year	
1.25	Other	Other [please specify]	[please specify]	
① Add as many rows as necessary.				

# Adaptive capacity



 *Optional*

**Step 5)** For each sector, choose the relevant adaptive capacity factor and define the adaptive capacity level

*You will see the vulnerable sectors identified under Step 4 automatically added in the table. The column 'Relevant climate hazards' will also be automatically generated based on the choice made under Step 4; it will indicate the various climate hazards which impact sectors.*

Vulnerable sectors	Relevant climate hazards	Adaptive capacity factors <i>multiple choice possible</i>	Current adaptive capacity level
<i>Automatically generated: Vulnerable sectors identified at Step 4</i>	<i>Automatically generated: Hazards which impact sectors, as defined in Step 4</i>	<input type="checkbox"/> Socio-economic <input type="checkbox"/> Governmental & institutional <input type="checkbox"/> Physical & environmental <input type="checkbox"/> Knowledge & technology	<ul style="list-style-type: none"><li>• Low</li><li>• Moderate</li><li>• High</li><li>• Not known</li></ul>
...	...	...	

Note: Adaptive capacity factors will be defined in the guidelines to the template.

# Adaptive capacity | Example



Vulnerable sectors	Relevant climate hazard(s)	Adaptive capacity factor(s) <i>↪ multiple choice possible</i>	Current adaptive capacity level
<input checked="" type="checkbox"/> Buildings	<i>Extreme heat</i>	<input checked="" type="checkbox"/> Governmental & institutional	High
<input checked="" type="checkbox"/> Energy	<i>Extreme heat; Storms</i>	<input checked="" type="checkbox"/> Socio-economic	High
		<input checked="" type="checkbox"/> Governmental & institutional	Moderate
		<input checked="" type="checkbox"/> Physical & environmental	Low
<input checked="" type="checkbox"/> Transport	<i>Extreme heat; Storms; Wild fires</i>	<input checked="" type="checkbox"/> Socio-economic	High
		<input checked="" type="checkbox"/> Physical & environmental	Low
<input checked="" type="checkbox"/> Water	<i>Storms</i>	<input checked="" type="checkbox"/> Knowledge & technology	Moderate



# Adaptive capacity | Indicators




 *Optional*

*The template includes a non-exhaustive list of indicators for adaptive capacity = illustrative examples that serve as a source of inspiration only.*

*It is possible to use/modify the example indicators or add own indicators.*

**Table 2 Adaptive capacity**

ID#	Adaptive capacity factors(s)	Indicators	Measurement unit	Numerical value
2.1	Socio-economic	% of public funds available to address a climate hazard and its impacts (e.g. fire, flood, ...)	%	
2.2	Socio-economic	% share of vulnerable population groups (e.g. elderly (65+)/young (25-) people, lonely p...	%	
2.3	Socio-economic	Number of households educated in house energy/water/waste management	No.	
2.4	Socio-economic	Population density (compared to national/regional average in year X in country/region X)	People per km <sup>2</sup>	
2.5	Socio-economic	% of population living in areas at risk (e.g. flood/drought/heat wave/ forest or land fire)	%	
2.6	Governmental & institutional	% change in green & blue infrastructure/areas (e.g. through new urban planning regulat...	%	
2.7	Physical & environmental	Length of transport network (e.g. road/rail) located in areas at risk (e.g. flood/drought/he...	Km	
2.8	Physical & environmental	Average time needed to reach a health facility	Hours	
2.9	Physical & environmental	% of areas non-accessible for emergency responses (e.g. firefighting services)	%	
2.10	Physical & environmental	% of (e.g. residential/commercial/agricultural/industrial/touristic) areas at risk (e.g. flood...	%	
2.11	Knowledge & technology	Hours needed to inform populaion of a risk via an early warning system	hours	
2.12	Other [please specify]	Other [please specify]	[please specify]	

 Add as many rows as necessary.

# Vulnerable population groups



 *Optional*

**Step 6)** For each hazard, choose the vulnerable population group(s) which are most impacted

*You will see the climate hazards selected under Step 1 automatically added in this table .*

Climate hazards	Most vulnerable population group(s) <i>👉 multiple choice possible</i>
<i>Automatically generated: Hazards selected at Step 1</i>	<input type="checkbox"/> Women and girls <input type="checkbox"/> Children <input type="checkbox"/> Youth <input type="checkbox"/> Elderly <input type="checkbox"/> Marginalized groups <input type="checkbox"/> Persons with disabilities <input type="checkbox"/> Persons with chronic diseases <input type="checkbox"/> Low-income households <input type="checkbox"/> Unemployed persons <input type="checkbox"/> Persons living in sub-standard housing <input type="checkbox"/> Migrants and displaced people <input type="checkbox"/> Other <input type="checkbox"/> All listed population groups <input type="checkbox"/> Not known
...	...

# Vulnerable population groups | Example



Climate hazards	Most vulnerable population group(s)
<input checked="" type="checkbox"/> Extreme heat	<input checked="" type="checkbox"/> Children <input checked="" type="checkbox"/> Elderly <input checked="" type="checkbox"/> Persons living in sub-standard housing
<input checked="" type="checkbox"/> Storms	<input checked="" type="checkbox"/> All listed population groups
<input checked="" type="checkbox"/> Wild fires	<input checked="" type="checkbox"/> Elderly <input checked="" type="checkbox"/> Persons with chronic diseases

# Additional comments

 *Optional*



Free-text field to be used for:

-  Clarifications on any reported data
-  Additional comments/remarks

# Adaptation Scoreboard



Current Adaptation Scoreboard remains an optional feature

Adaptation cycle steps	Actions	Self check of the status
Step 1: Preparing the ground	Adaptation commitments defined/integrated into the local climate policy	75-100% (A) <input type="checkbox"/>
	Human, technical and financial resources identified	50-75% (B) <input type="checkbox"/>
	Adaptation team (officer) appointed within the municipal administration and clear responsibilities assigned	50-75% (B) <input type="checkbox"/>
	Horizontal (i.e. across sectoral departments) coordination mechanisms in place	50-75% (B) <input type="checkbox"/>
	Vertical (i.e. across governance levels) coordination mechanisms in place	75-100% (A) <input type="checkbox"/>
	Consultative and participatory mechanisms set up, fostering the multi-stakeholder engagement in the adaptation process	75-100% (A) <input type="checkbox"/>
	Continuous communication process in place (for the engagement of the different target audiences)	75-100% (A) <input type="checkbox"/>
Step 2: Assessing risks and vulnerabilities	Mapping of the possible methods & data sources for carrying out a Risk & Vulnerability Assessment conducted	50-75% (B) <input type="checkbox"/>
	Assessment(s) of climate risks & vulnerabilities undertaken	50-75% (B) <input type="checkbox"/>
	Possible sectors of action identified and prioritised	50-75% (B) <input type="checkbox"/>
	Available knowledge periodically reviewed and new findings integrated	25-50% (C) <input type="checkbox"/>
Step 3 & 4: Identifying & selecting adaptation options	Full portfolio of adaptation options compiled, documented and assessed	75-100% (A) <input type="checkbox"/>
	Possibilities of mainstreaming adaptation in existing policies and plans assessed, possible synergies and conflicts (e.g. with mitigation actions) identified	50-75% (B) <input type="checkbox"/>
	Adaptation Actions developed and adopted (as part of the SECAP and/or other planning documents)	50-75% (B) <input type="checkbox"/>

⋮

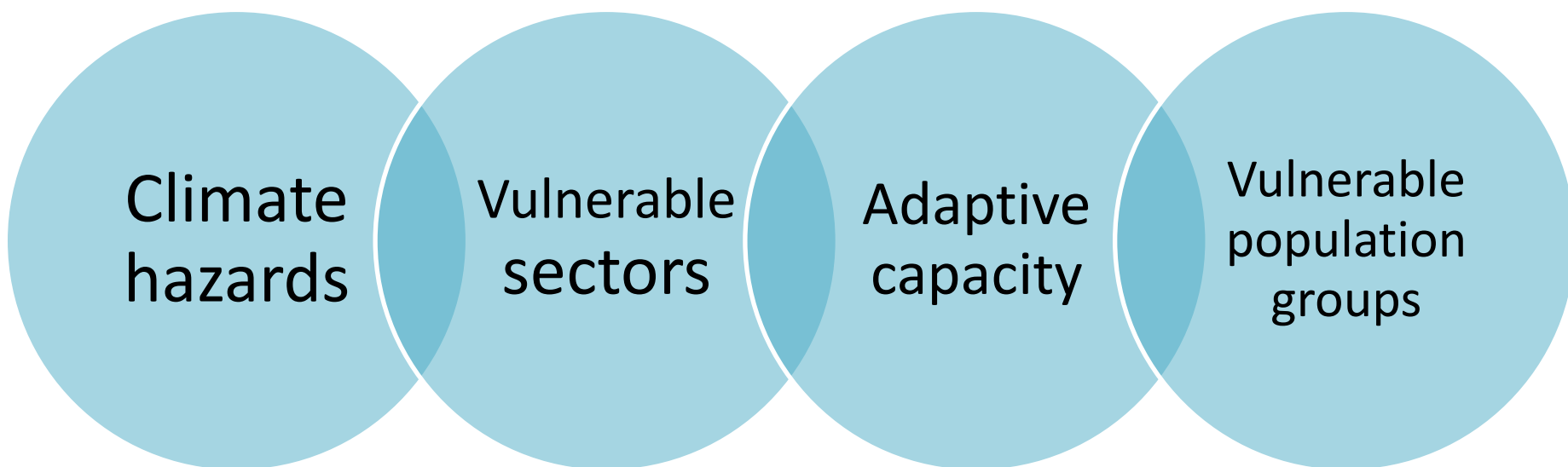
⋮

⋮

# Graphical overviews



Once all data has been reported, graphical overviews will be generated automatically to visualize the information (e.g. hazard / risk matrix, color-coded charts)





# Action plan & actions

*Giustino Piccolo*  
*Covenant of Mayors Office*

# ‘Action Plan’ tab | Main changes



## ✔ One “action plan” tab

- both ‘mitigation actions’ & ‘adaptation actions’ merged

## ✔ Overall “action plan” reporting simplified

- 2 overview tables for mitigation & adaptation actions
- total number of actions per sector
- implementation status per sector & related estimates

## ✔ Individual actions reporting possible

- new ‘(key) action’ tab





# 'Action' tab | Main changes



## ✔ One form for all 3 types of actions:

- mitigation, adaptation and/or energy poverty
- open text fields replaced by multiple choices: stakeholders involved, climate hazard(s) addressed, etc.

## ✔ New **energy poverty** pillar

## ✔ Integrated actions mitigation & adaptation

## ✔ 'Key actions'

- same form but with few additional requirements

# 'Action' tab



1) Type of action	<input type="checkbox"/> Mitigation <input type="checkbox"/> Adaptation <input type="checkbox"/> Energy poverty	① Only in combination with 'Mitigation' and/or 'Adaptation' actions
2) Title of the action	<input type="text"/>	
3) Origin of the action	<input type="text" value="[Drop-down]"/>	
4) Responsible body	<input type="text"/>	
5) Short description	<input type="text"/> 1000 characters left	
6) Implementation timeframe	<u>Start:</u> <input type="text" value="[Drop-Down]"/> <u>End:</u> <input type="text" value="[Drop-Down]"/>	
7) Implementation status	<input type="text" value="[Drop-Down]"/>	
8) Stakeholders involved	<input type="text" value="[Drop-down]"/>	① Insert additional rows as needed
	Additional comments <input type="text"/>	
9) Total implementation costs	<input type="text"/>	€
	Source of funding: <input type="text" value="[Drop-down]"/>	€
	Investment costs: <input type="text"/>	€
	Non-investment costs: <input type="text"/>	€

## A. Mitigation

① Only for actions addressing mitigation. Click on the [+/-] buttons on the left to expand or collapse

10) Sector

	Buildings	Public lighting	Transport	Industry	Electricity Production	Heat/cold Production	Other
Tool / Area of intervention:	<input type="button" value="[drop-down]"/>	<input type="button" value="[drop-down]"/>	<input type="button" value="[drop-down]"/>	<input type="button" value="[drop-down]"/>	<input type="button" value="[drop-down]"/>	<input type="button" value="[drop-down]"/>	<input type="button" value="[drop-down]"/>
Policy instrument:	<input type="button" value="[drop-down]"/>	<input type="button" value="[drop-down]"/>	<input type="button" value="[drop-down]"/>	<input type="button" value="[drop-down]"/>	<input type="button" value="[drop-down]"/>	<input type="button" value="[drop-down]"/>	<input type="button" value="[drop-down]"/>

① To be filled in only for the concerned sector

11) Estimated impacts

Energy savings:  MWh/a

Renewable energy production:  MWh/a

CO<sub>2</sub> reduction:  t CO<sub>2</sub>/a

12) Vulnerable population group(s) targeted

13) Financial savings  €

14) Life expectancy of the action  years

15) Return on Investment  %

16) Jobs created  full-time equivalent

17) Other figures  (Please specify)  [numerical value]  [Unit]

## B. Adaptation

① Only for actions addressing adaptation. Click on the [+/-] buttons on the left to expand or collapse

18) Climate hazard(s) addressed

19) Sector(s)

20) Outcome(s) reached

Description:  1000 characters left

Related indicator:   [numerical value]  [Unit]

21) Vulnerable population group(s) targeted

22) Avoided cost  €

23) Life expectancy of the action  years

24) Return on Investment  %

25) Jobs created  full-time equivalent

26) Other figures  (Please specify)  [numerical value]  [Unit]

## C. Energy poverty

① Only for actions addressing energy poverty. Click on the [+/-] buttons on the left to expand or collapse

27) Vulnerable population group(s) targeted

28) Outcome(s) reached

Description:  1000 characters left

Related indicator:  [Please specify]  [numerical value]  [Unit]



  
Mitigation

  
Adaptation

  
Energy poverty



# Next steps

- **Template (Excel) & platform (MyCovenant) revision**  
~ September / December
- **Guidelines revision**  
~ September / December
- **Presentation of the new platform**  
~ February 2020 (webinar)

## Capacity building activities

- EU-wide (English)
- Country-focused (national language)



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# Thank you!



More info:  
[www.eumayors.eu](http://www.eumayors.eu)

*With the support of the European Union*

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# Questions & answers

**Use the chat window  
to ask questions**

