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Technical Assistance for Developed Analytical Basis for Formulating Strategies and Actions towards Low Carbon Development  
*Düşük Karbonlu Kalkınma için Çözümsel Tabanlı Strateji ve Eylem Geliştirilmesi*  
*Teknik Yardım Projesi* TR2013/0327.05.01-01/001



## 2.3. Institutional and human capacity barriers and opportunities

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“All aspects of institutional capacity are important for the success of climate  
policy”

“All countries need a minimum level of “climate specific” capacity”

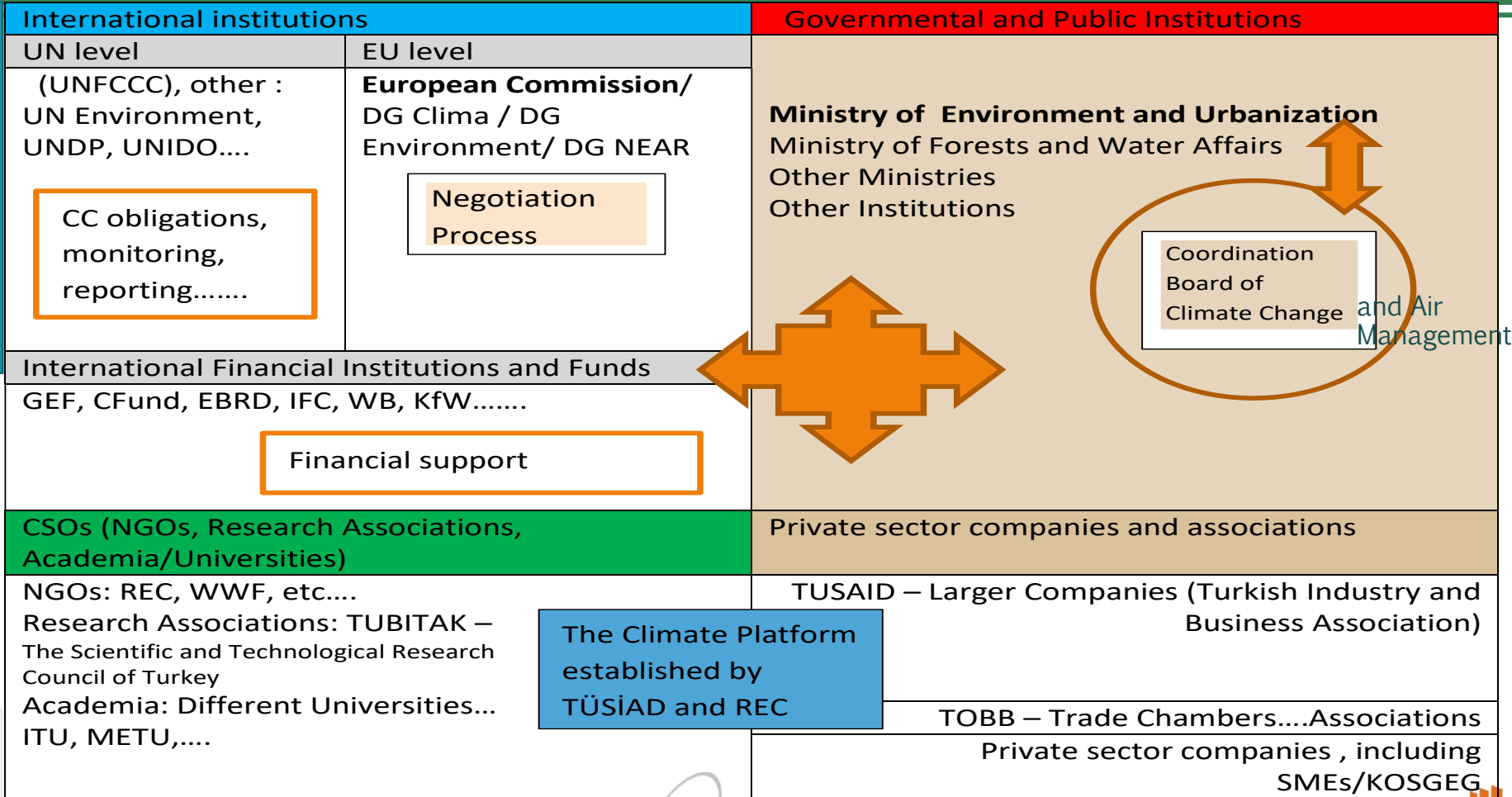
# Starting points





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# Mapping” climate – change relevant institutions in Turkey





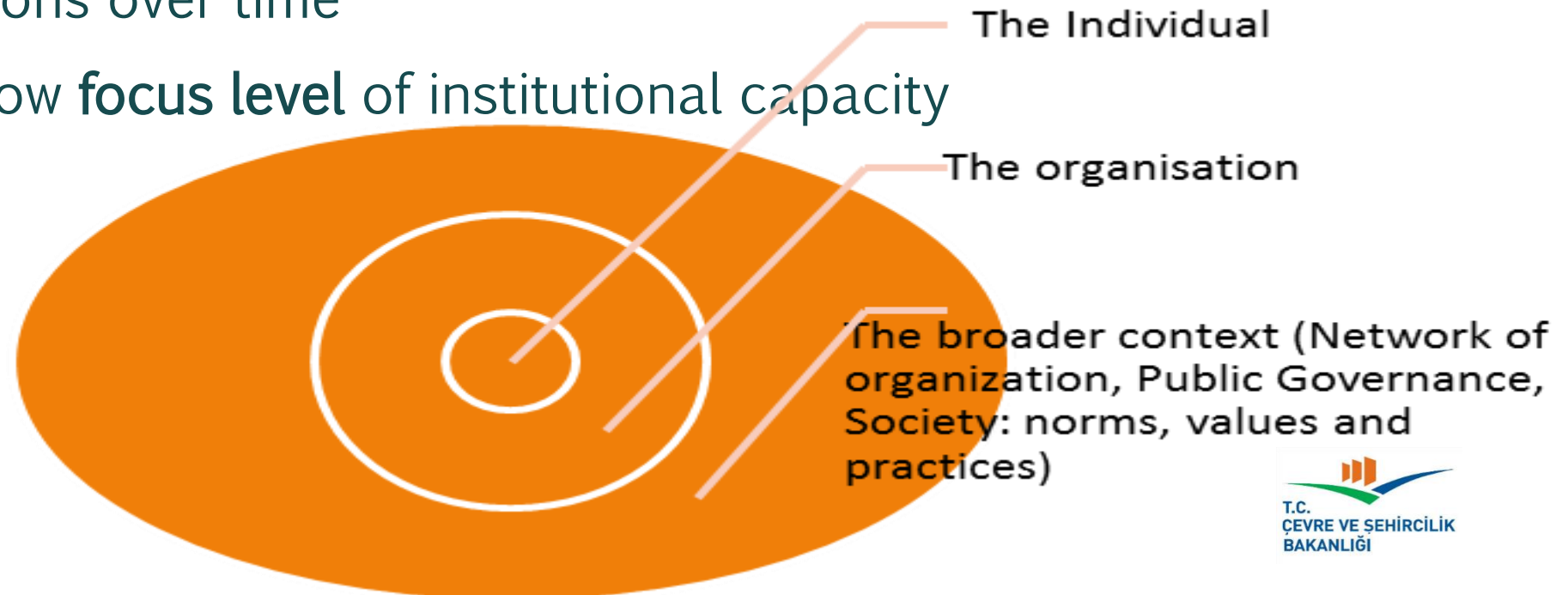
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## Approaches to institutional and human capacities:

- Institution capacity could have quantitative and/versus non-quantitative approach
- “Combined” **step by step approach** is pragmatic model for a progressive straightening of actions over time
- it is important to know **focus level** of institutional capacity





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## Main institution

Ministry of Environment and Urbanization

## Main coordinating body

Coordination Board on Climate Change and Air Management

## Other relevant institutions

Ministry of Forestry and Water Affairs  
State Hydrological Institution  
TUIK – (TurkSTAT) – Turkish Statistical Institution  
Ministry of Science, Industry and Technology  
Ministry of Energy and Natural Resources  
Ministry competent for Transport  
Ministry competent for Agriculture  
Ministry of Health  
Ministry competent for Tourism  
New Climate Institute  
Stakeholders





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## Strategic objectives

- National Climate Change Strategy (2010-2020)
- Medium term:
  - - Public awareness and **institutional capacity will be straightened** in order to reduce the impacts of climate change and adapt to the process
  - - Active participation will be ensured in the negotiations for the development of **a comprehensive and functional international cooperation** mechanism on mitigating and adapting to climate change
  - - Public awareness will be raised for promotion of climate friendly consumption patterns through joint efforts of all sectors of society such as public, private sector, universities and NGOs
- Long term:-
  - - Scientific studies on climate change shall be encouraged. **A Climate Change Research Institute shall be established** to conduct scientific research on climate change at national and regional levels





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## ...and Strategic Objectives in NCCAP

- Establish necessary infrastructure for a robust emission inventory (monitoring and reporting of GHGs emissions from key sources using at least Tier 2 methodologies as of the beginning of 2016), Y1.1.
- ... straightening implementation capacity in consideration with climate change (Note: includes institutions functioning) Y2
- Strengthen the Institutional capacity of CBCCAM members with regard to combating climate change and adaptation until 2014
- also Y7,Y8,Y9 related relevant R&D, Innovation, Academic and Education programs, Awareness raising

and

Commitment of Turkish Government in preparation to Paris agreement to focus on required infrastructure s including institutional structuring before 2020





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## Progress: 2016 EC Progress Report

- **Stronger administrative capacity is required** . Also, Turkey should in particular:
  - - Ensure alignment on transparency in climate action
  - - Ratify the Paris Agreement on climate change, and start implementing its contribution to it.
- **Mainstreaming of climate change into different sector policies is still weak.** Turkey needs to build climate action know-how into different government agencies so as to further develop and implement national mitigation policies and measures.

### To recall

Closing Benchmarks for Chapter 27 include further building of the administrative bodies at all levels, including inspection services...further improves coordination of work and demonstrates that all appropriate administrative structures will be in place in good time before accession to enable implementation of the acquis in all sectors of Chapter 27







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# Barriers

- Sector by sector approach
- Climate change is not well understood and is not a major political issue (focused primarily to poverty alleviation and associated issues like economic grow, trade and investment)
- The relationship between relevant institutions; Overlapping policies and measures among institutions
- The ability of an institution to consider an integrated approach to climate change/environmental protection
- Deficit of technical resources (clear guidelines, computer models)
- Level of awareness of climate change impact
- Uninformed and/or passive stakeholders (including Parliament, government, industry and the general public)





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## Barriers and opportunities at the same time

- Knowledge and expertise on climate issues ; Skilled professionals ranging from climate scientists, engineers and environmentalists to law experts
- Technical support / equipment resources
- The number of staff an institution has and how these are effectively deployed
- The expertise of the staff
- Staff morale and motivation ;
- (Un)balanced workload

Mapping for gap

Institution	Number of EU regulations 2a	Number of UNFCCC tasks 2b	Number of employees 1	Ratio/Workload $1/(2a+2b)$
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# Opportunities/Challenges 1

- Mainstreaming of climate change into different sector
- Sustainable financial resources
- To build climate action know-how into different government agencies so as to further develop and implement national mitigation policies and measures.
- The stability of institutional framework
- The administrative structure that are adopted; the structures within an institutions, e.g. whether there are separate departments for each medium
- The formal and informal communication and coordination mechanisms that exists between institutions



Challenges are interrelated



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## Opportunities/Challenges 2

- Clear competencies for the administration of climate change and related legislation;
- Clear and efficient procedures for decision making and the implementation of international obligations/EU Directives;
- Institutional arrangements to develop, monitor, report, review a climate strategy with the cooperation with all relevant agencies and stakeholders
- Sufficient staff and funding to carry out tasks; strong enforcement rights and capabilities.
- To ensure feedback between policy and practice
- Raising awareness of climate change impacts, as well as mitigation and adaptation measures





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# Concluded remark 1

- The link between economic development and institutional capacity is not so simple.





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## Concluded remark 2

- Research suggests that it is not economic development that drives institutional capacity, but that in the long run, it is institutional capacity that drives economic development





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## Stakeholder opinion to listen on:

- Relevance of institutions to LCD
- Institutional barriers
- Institutional opportunities

.....towards Institutional Gap Analysis

