



KENYA'S EXPERIENCE IN TNA AND NDCs NEXUS

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Supporting the implementation of technologies through TNAs and NDCs

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Outline

- Introduction on Kenya's TNA experience
- Kenya's policy and legislative framework
- TNA and NDC nexus
- Conclusion

Kenya's Technology Needs Assessment /Technology Action Plans

- Kenya's TNA formed a key reference material and component for the development of the National Climate Change Action Plan (NCCAP 2013-2017) and the National Adaptation Plan (NAP 2015-2030). www.kccap.info / www.environment.go.ke
- Key technologies indentified in the TAP in both adaptation and mitigation incorporated as actions in the plans. These are:
 - Solar Home Systems - Government zero rated price of solar panels in 2012. Saw increased uptake of SHS in offgrid areas combined with solar LEDs and other solar devices
 - Solar Grain Dryers - part of NAP, NCCAP and CSA Strategy – Mobile grain driers now provided by Ministry of Agriculture in grain basket of Kenya
 - Methane Capture – prepared as a NAMA submitted to the NAMA registry



Kenya's TNA and TAP contd...

ADAPTATION TAP

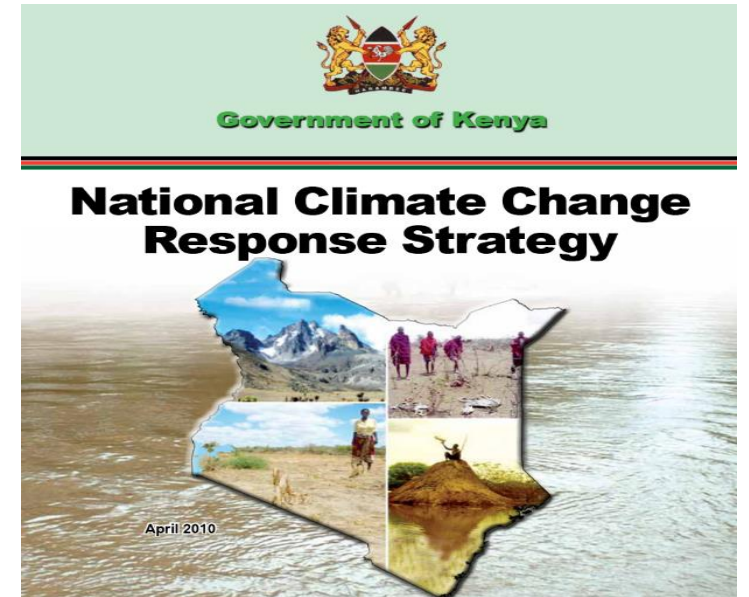
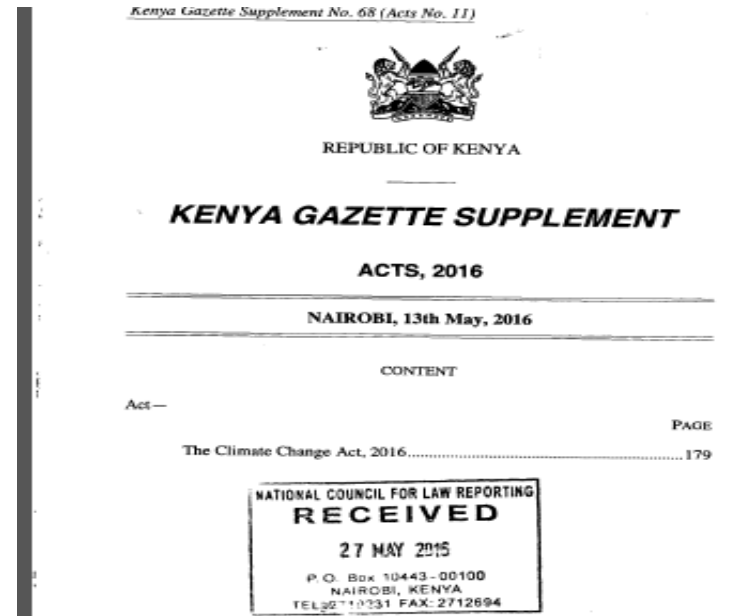
Water Sector

- Surface run-off water harvesting – ongoing – roads and farms
- Roof rain water harvesting – good uptake – ongoing
 - Key barrier – roofing material for many rural homes. Gradual shift

Agriculture Sector

- Drought tolerant sorghum – good uptake, in Climate Smart Agriculture Strategy and Adaptation Fund programme (funded)
- Drip Irrigation - good uptake - private sector and farmers and AF programme. Other technologies emerging – hydroponics etc

Kenya's Regulatory and Policy Documents



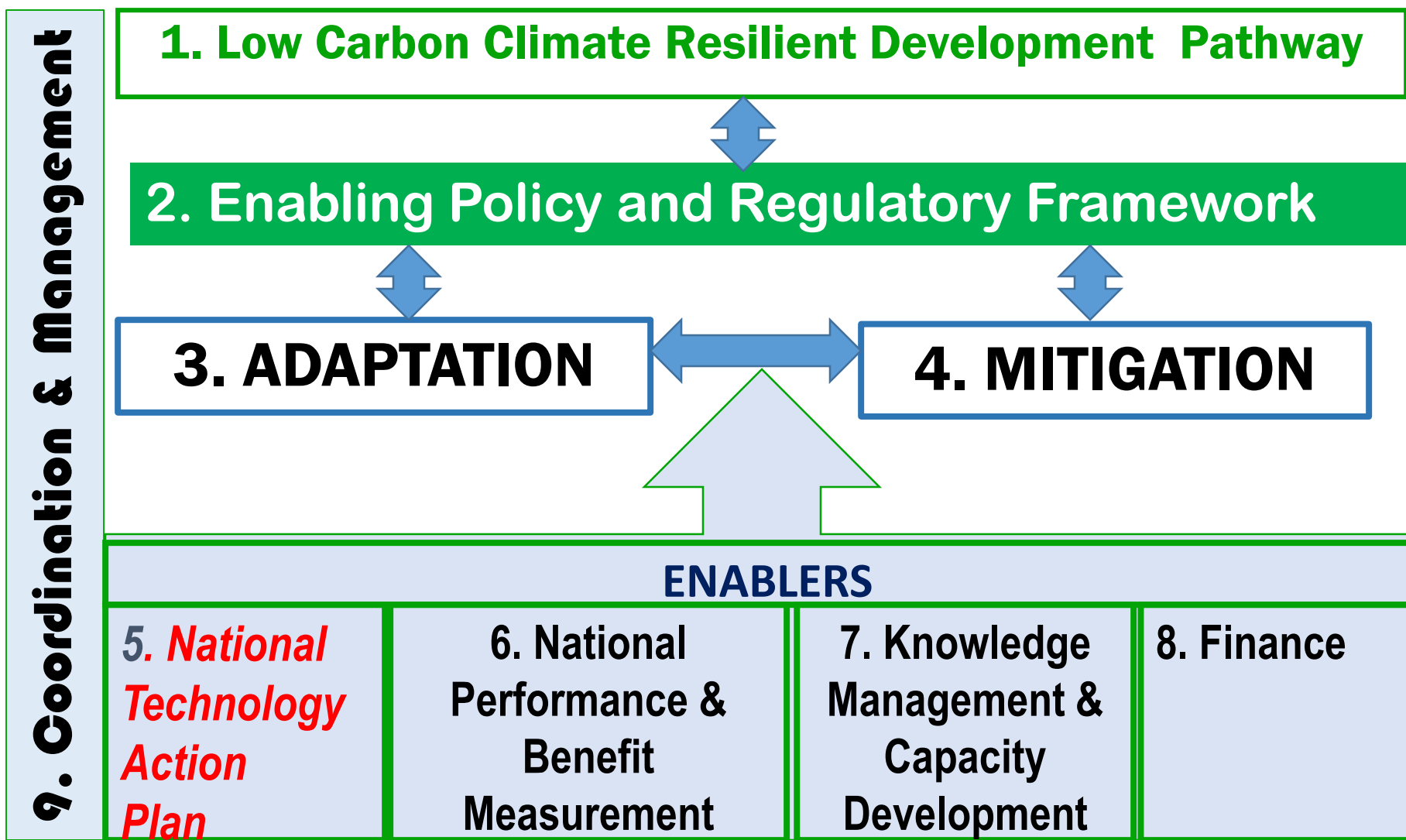
Goal, Objectives and Guiding Principles of the CC policy and law

Goal : Enhanced resilience to climate change and low carbon development for the prosperity and sustainable development of Kenya

- **The Objectives:**

- Establish an effective institutional framework and mainstream climate change response into relevant sectors
- Reduce vulnerability to the impacts of climate change*
- Catalyze Kenya's transition to cleaner, lower emission and less carbon intensive development*
- Incentivize private sector* involvement in building climate change
- Facilitate widespread public awareness, participation, ownership and oversight of Kenya's climate change response efforts and action plans
- Provide a framework to mobilize resources for climate change response
- Adopt intergenerational, special needs, and gender mainstreaming approach

NCCAP Components & output streams





Kenya NDC and TNA nexus

- Kenya submitted its NDC on 28th Dec 2016 covering both adaptation and mitigation
- The NDC sets out an adaptation contribution of mainstreaming adaptation into the National Medium Term Plans (blue print) to implement adaptation actions
- Mitigation – abate 30% of the national GHG emissions by 2030 relative to the BAU scenario.
- Kenya will use market mechanisms to achieve its NDC
- The NDC achievement is subject to international support in form of finance, technology development and transfer and capacity building
- Technology development and transfer identified as a critical enabler in implementation of the NDC and other national objectives

Conclusion

- Nationally identified technologies through the TNA process or other national and subnational processes are useful for the implementation of NDCs
- Implementation of NDCs will require a new technology framework and enhanced capacity building framework to support climate change actions in line with national objectives
- Private sector is the main driver of technology development and transfer
- The government has created an enabling policy and regulatory framework for technology deployment and diffusion
- Finance and other means of implementation and partnerships are critical enablers to leverage NDC implementation

References

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THANK YOU! / SHUKRAN!

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