

Summer School 2014

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**PREPARATION FOR
INTENDED NATIONALLY
DETERMINED CONTRIBUTIONS
OF VIET NAM**

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MAIN CONTENTS

- General Information
- Preperation of iNDC of Viet Nam
- Advantages and Disadvantages
- Planned contents of iNDC
- Next steps and Conclusion

General Information

- ✓ Population in 2012: about 88.8 million
- ✓ GDP growth in 2012: 5.03%
- ✓ Climate: monsoon tropical
- ✓ 2010 GHG emission: 2,8 tCO₂/person



General Information

United Nations Framework Convention on Climate Change

- Signed on 11 June 1992
- Ratified on 16 November 1994.

Kyoto Protocol

- Signed on 03 December 1998
- Ratified on 25 September 2002.

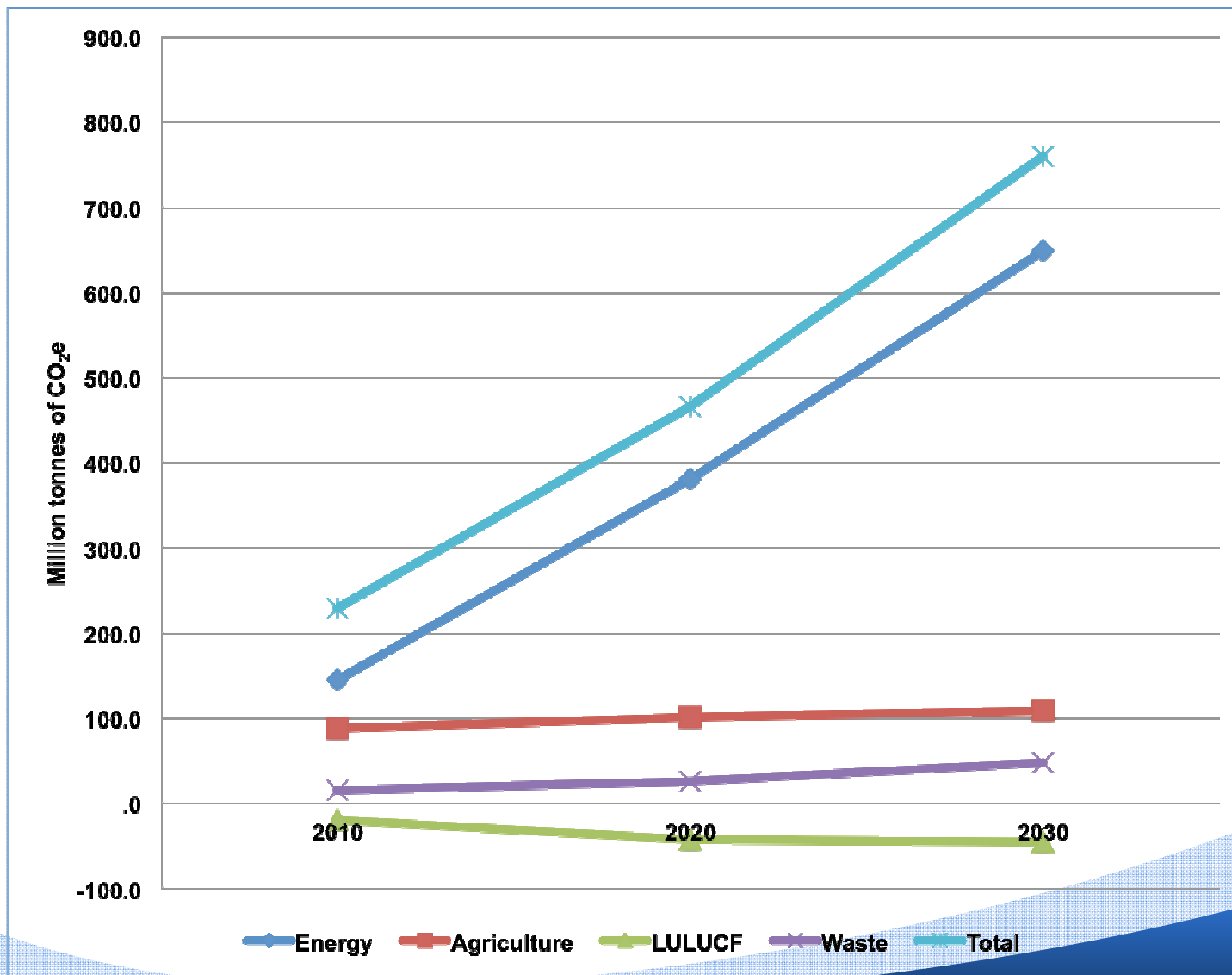


National GHG inventory for 2010

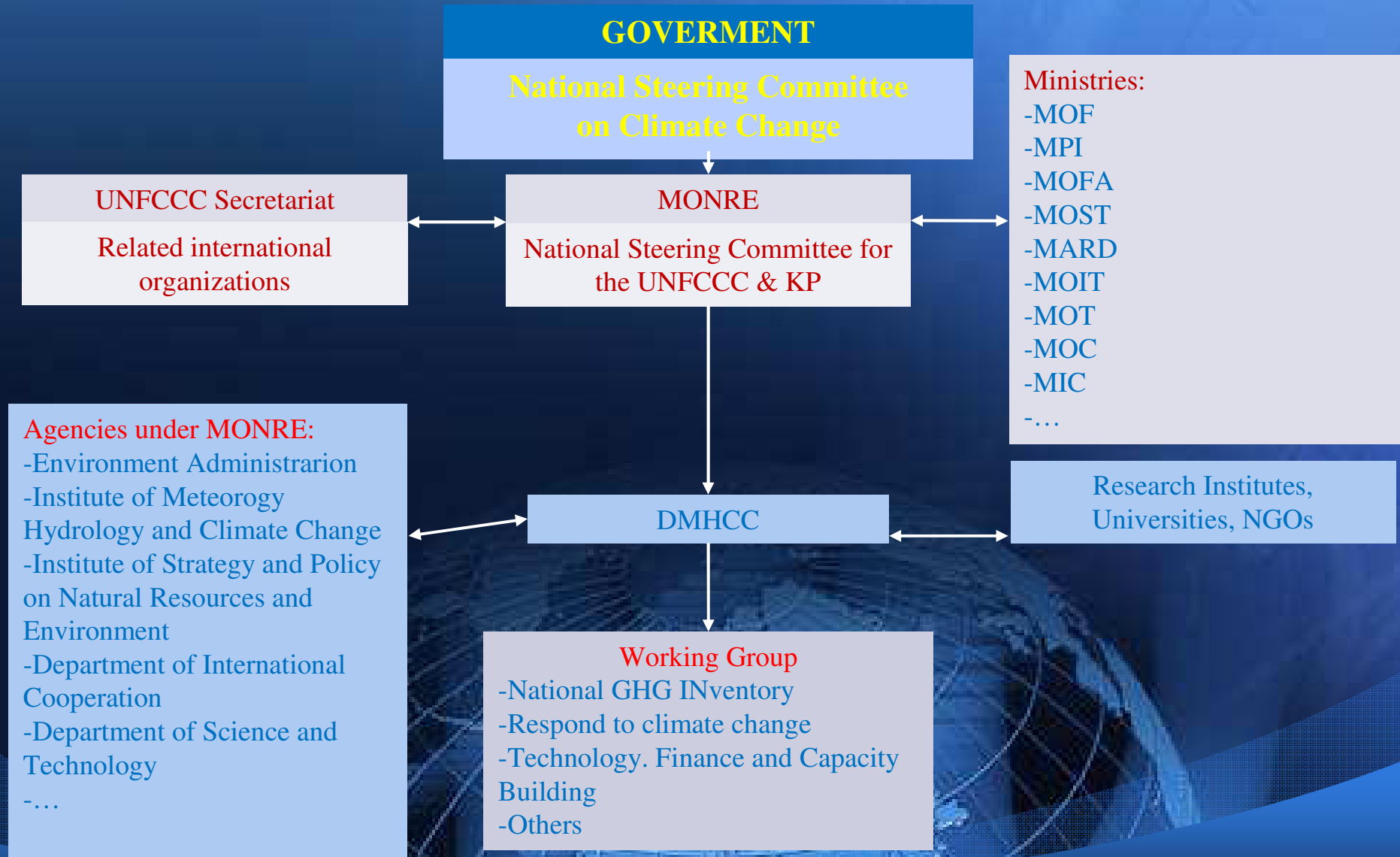
| | CO ₂ | CH ₄ | N ₂ O | Total | % |
|-------------------------------------|-----------------|-----------------|------------------|---------|-------|
| Energy | 124,799 | 15,959 | 413 | 141,171 | 53.06 |
| Industrial Processes | 21,172 | 0 | 0 | 21,172 | 7.96 |
| Agriculture | 0 | 57,909 | 30,446 | 88,355 | 33.21 |
| LULUCF | -20,346 | 1,012 | 117 | -19,219 | |
| Waste | 65 | 13,449 | 1,838 | 15,352 | 5.77 |
| Total (not including LULUCF) | 146,37 | 87,316 | 32,696 | 266,049 | 100 |
| Total (including LULUCF) | 125,689 | 88,328 | 32,814 | 246,831 | |

Source: Project "Capacity Building for National GHG Inventory in Viet Nam" funded by Jica, 2014

GHG Projection (2020 – 2030)



Institutional arrangement for Climate Change Activities



Preperation of iNDC of Viet Nam




- iNDC: *voluntary contributions of developing countries.*
- Viet Nam is starting to prepare iNDC report.
- Department of Meteorology Hydrology and Climate Change (DMHCC), Ministry of Natural Resources and Environment (MONRE) is the national focal point in preparing iNDC with the cooperation with MPI, MOF, MOIT, MARD, MOT, MOC.
- Some donnors (UNDP, GIZ) support Viet Nam in preparing iNDC
- NS for UNFCCC &KP will submit iNDC to GOV. for approval



Advantages

- ✓ International: (i) COP Decision on iNDC and (ii) supports from developed partnerships.
- ✓ National: orientation of low carbon economy; existence of some Laws; strategies, policies forward to this objective:
 - ✓ *Resolution No. 24/NQ-TU;*
 - ✓ *Law on Environment Protection (No. 55/2014/QH13, 23 June 2014)*
 - ✓ *National Strategy on Climate Change;*
 - ✓ *National Green Growth Strategy;*
 - ✓ *Plan No. 1775 (management of GHG and carbon credit trading to the world market).*

→ To be important bases for preparing iNDCs

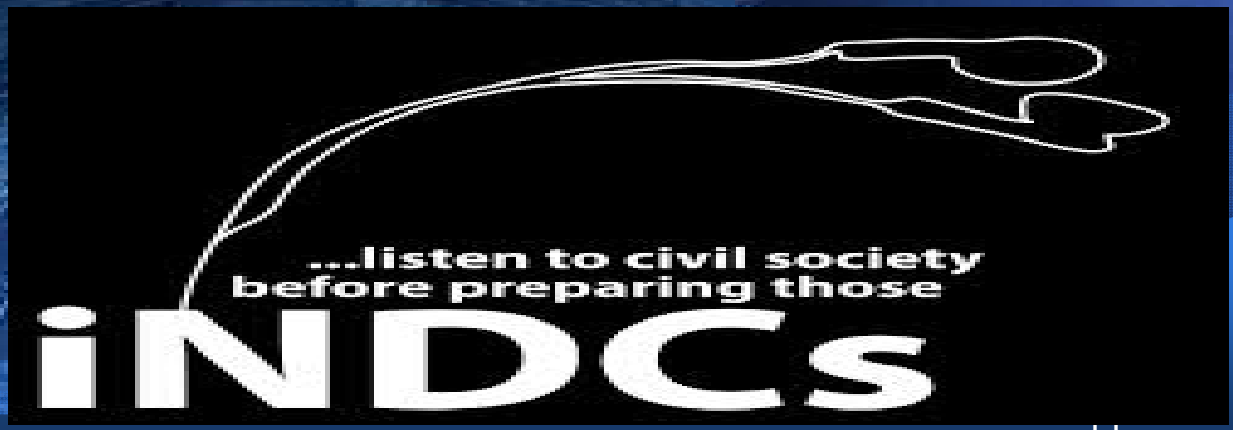
| BA MỤC TIÊU VÀ MƯỜI ĐỊNH HƯỚNG CỦA TĂNG TRƯỞNG XANH | | |
|--|---|--|
| THÍCH ỨNG VỚI BIẾN ĐỔI KHÍ HẬU & ĐỘC LẬP NĂNG LƯỢNG  | TẠO RA CÁC ĐỘNG CƠ TĂNG TRƯỞNG MỚI  | CẢI THIỆN CHẤT LƯỢNG SỐNG & NÂNG CAO VỊ THẾ TRÊN TRƯỜNG QUỐC TẾ  |
| Giảm thiểu hiệu quả việc phát thải các khí nhà kính Giảm sử dụng các nhiên liệu hoá thạch và tăng cường độc lập năng lượng Cộng cố năng lực thích ứng với biến đổi khí hậu | Phát triển các công nghệ xanh "Xanh hoá" các ngành công nghiệp hiện thời và thúc đẩy các ngành công nghiệp xanh Thúc đẩy cấu trúc công nghiệp tiên bộ Thiết kế và xây dựng cơ sở chính sách cho kinh tế xanh | Phát triển các thành phố xanh, xây dựng cơ sở hạ tầng giao thông xanh, cải thiện quản lý tài nguyên nước Đưa cách mạng xanh vào cuộc sống thường ngày Trở thành một hình mẫu lãnh đạo tăng trưởng xanh của cộng đồng quốc tế |

Advantages

| | Period | GHG emission reduction target |
|---|----------------------------------|---|
| Resolution No. 24-NQ/TW | To 2020 (Base year: 2005) | Reduce GHG emission/GDP: 8 - 10% |
| National Green Growth Strategy | 2011 – 2020 (Base year: 2010) | - Reduce GHG emission intensity: 8 - 10% - Energy consumption: reduce 10%-20% in comparison with BAU |
| | To 2030 (Base year: 2010) | - Reduce GHG emission at least 1.5 - 2%/year; - Energy consumption: reduce 20% - 30% in comparison with BAU |
| | To 2050 (Base year: 2010) | - - Reduce GHG emission 1.5 - 2%/year; |
| Plan 1775 on management of GHG emission; management of carbon trading to the world market | To 2020 (Base year: 2005) | - Energy and Transportation: reduce 8%; - Agriculture: reduce 20%; - LULUCF: increase removal 20%; - Waste: reduce 5%. |
| Decision No. 3119/QĐ-BNN-KHCN | To: 2020 | Reduce 20% GHG in agriculture (18.87 mil. tonnes of CO ₂ e); cultivation (reduce 5.72 mil. tonnes of CO ₂ e), husbandry (6.3 mil. tonnes of CO ₂ e), aquaculture (3 mil. tonnes of CO ₂ e), irrigation (0.17 mil. tonnes of CO ₂ e), rural areas and rural career (4.78 mil. tonnes of CO ₂ e). |

Advantages

- ✓ Implemented national GHG inventory for 1994, 2000, 2005 & 2010;
- ✓ Experiences in preparing National Communications and Biennial Update Report (BUR);
- ✓ Lesson learns from CDM management;
- ✓ Piloting NAMA and JCM;
- ✓ BUR1 is being developed
- ✓ Kick off Workshop for iNDC (18 Aug. 2014)



Kick of Workshop for iNDCs



Kick of Workshop for iNDCs



Disadvantage and challenges

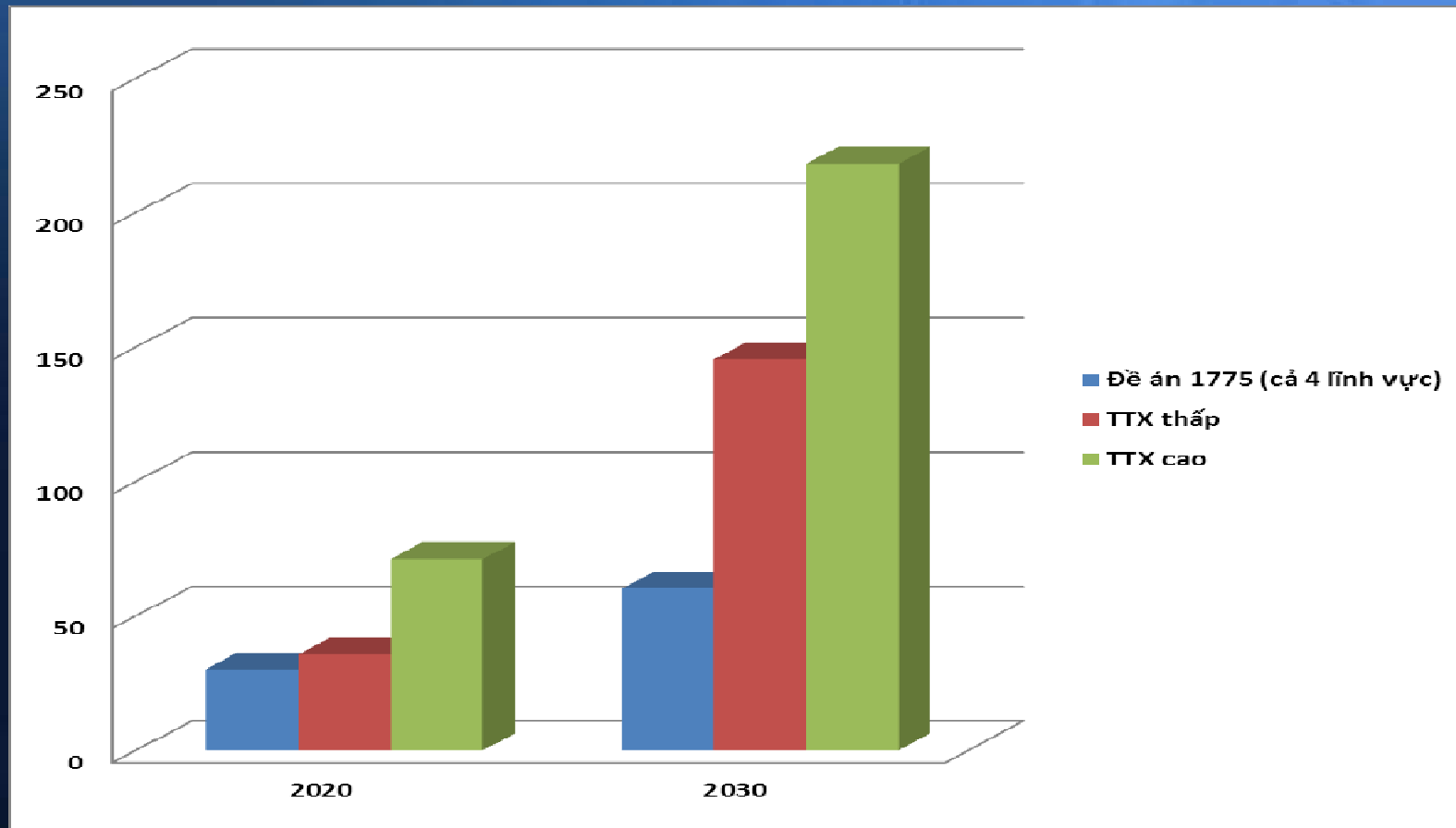
International:

- ✓ Differences on iNDC (form, content);
- ✓ Lack of guidances;
- ✓ The MRV for iNDCs has not been formed.
- ✓ Short time for preparing (*before May 2015*).

National:

- ✓ Existence of different GHG emission reduction objectives;
- ✓ Limited resources for research and assessment;
- ✓ Cooperation between line Ministries and sectoral agencies needs to be strengthened;
- ✓ Bottom-up VS Top-down
- ✓ Short time for preparing iNDC;
- ✓ Needs of financial and capacity building supports

GGG vs Plan 1775 Targets



- GHG emission reduction targets to 2020 based on different base years. (GGG: 2010 while 1775 Plan: 2005)

LAW ON ENVIRONMENT PROTECTION

- Chapter IV

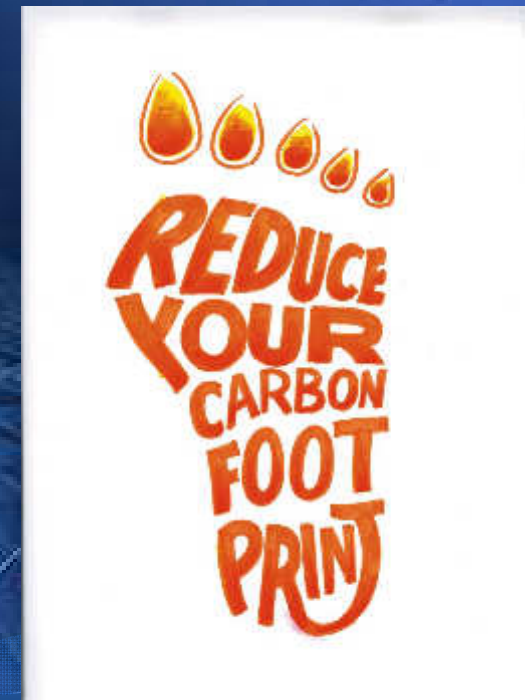
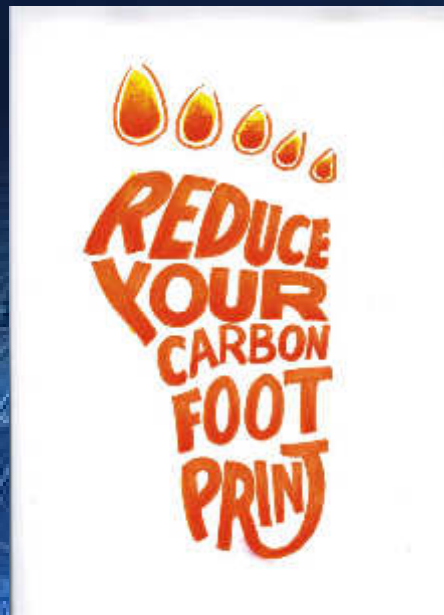
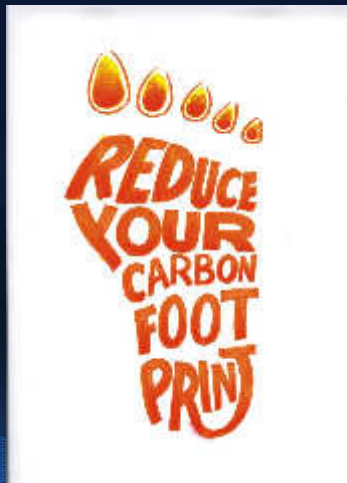
Respond to climate change

Article 48. Item 2

Government stipulates road map, procedure to take part in global GHG mitigation activities that appropriate with socio-economic circumstances and international treaties that Viet Nam is one of members.

Decision No. 1338/QĐ-TTg, 11/8/2014

- MONRE is assigned as a focal agency to draft Decree on road map and procedure to take part in global GHG mitigation activities.



Planned contents of iNDC of Viet Nam

1) GHG mitigation:

- GHG mitigation objectives for the period post-2020, including national efforts and international supports.
- Sectors: Energy, Agriculture, LULUCF, Waste

2) Climate change adaptation:

- Measures and costs for adaptation, including national efforts and international supports.
- Sectors: Agriculture, Forestry, Water Resources, Coastal Zone

3) Capacity Building:

- National Communications and BURs for UNFCCC
- GHG inventories
- MRV Systems

Planned contents of iNDC of Viet Nam

4) REDD+:

- ✓ Viet Nam is one of leading countries in REDD activities;
- ✓ Has potential for enhancing existing C sinks
- ✓ Consider contributions from REDD for iNDCs;



NEXT STEPS for iNDCs

- MONRE leads and cooperates with related ministries, agencies.
- Develop iNDC report of Viet Nam to the GOV. for consideration
- Establish a working groups (including technical consultants) for developing the report .
- Implementation:
 - Collect data and information; research and analysis by each sectors. (8-10/2014)
 - Consultation Workshops, reports. (11/2014-2/2015)
 - Report to National Steering Committee on Climate Change about iNDC study (2/2015)
 - Submit iNDC report to the GOV. (3/2015)
 - iNDC of Viet Nam approved by GOV. (4/2015)
 - Submit to UNFCCC: **5/2015.**

Conclusion

- iNDCs - Intended Nationally Determined Contributions - contribute to international efforts for 2° C target
- New concept, the understanding and application are not uniform, lack of consistent regulations.
- Developing countries: depend on their circumstances and capabilities, not only GHG mitigation but also climate change adaptation, capacity building, etc.
- Viet Nam is developing a roadmap for iNDCs. MONRE is taking the lead and cooperating with related Ministries, agencies with supports from international organizations.



**THANK YOU VERY MUCH
FOR YOUR ATTENTION**