

**Advancing knowledge-led
development through the
right to science in Africa**

11 November 2019

Addis Ababa University - School of Law

[Non Communicable Diseases(NCDs)]

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MWECS Projects Overview



Pediatric Cancer Care and Support Project



Breast and Cervical Cancer Prevention, Care and Support Projects



NCDs and NCDs Risk Factors(Tobacco Control Projects etc)

[Non Communicable Diseases]

Non-communicable diseases (NCDs), also known as chronic diseases:-

- Prolonged course
- That do not resolve spontaneously
- And for which a complete cure is rarely achieved

NCD also includes:-

- Chronic mental illness
- Violence and Injuries

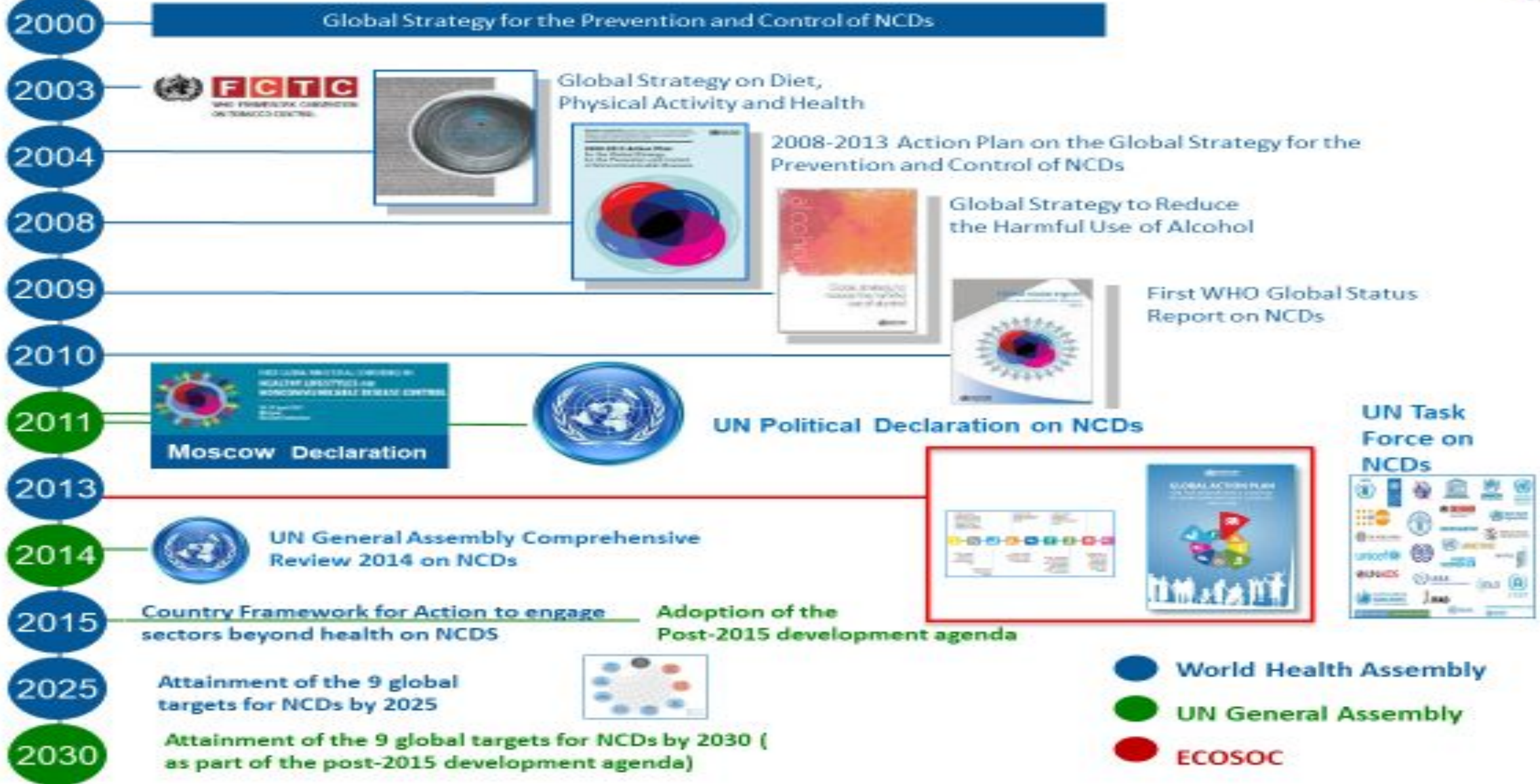
- NCDs are partly or wholly communicable:
 - Viral/bacterial
 - spread through social networks
 - the built environment
 - cultural and economic conditions,
 - Intergenerational transmission (ie, diabetes and obesity)

[4 Major NCDs and 4 common risk factors for NCDs]

	Tobacco use	Unhealthy diets	Physical inactivity	Harmful use of alcohol
Heart disease and stroke	✓	✓	✓	✓
Diabetes	✓	✓	✓	✓
Cancer	✓	✓	✓	✓
Chronic lung disease	✓			

[Global and Ethiopian NCDs burden compared]

NCD	Global death	Ethiopia NCD death	Ethiopia NCD Prevalence
CVD	17.5 million (48%)	15%	b/n 7.2% and 24%;
Cancers	8.2 million (21%)	4%	0.3%
Respiratory diseases	4 million (12%)	4%	b/n 1% and 3.5%
Diabetes	1.5 million (3.5%)	2%	6% (NCD STEP _s)



“Best buys” for NCD prevention and control

Prevention Reducing the level of exposure to risk factors	"Best buy" Interventions	Risk factor / disease
	<ul style="list-style-type: none"> – Raise taxes on tobacco – Protect people from tobacco smoke – Warn about the dangers of tobacco – Enforce bans on tobacco advertising 	Tobacco use
	<ul style="list-style-type: none"> – Raise taxes on alcohol – Restrict access to retailed alcohol – Enforce bans on alcohol advertising 	Harmful use of alcohol
	<ul style="list-style-type: none"> – Reduce salt intake in food – Replace trans fat with polyunsaturated fat – Promote public awareness about diet and physical activity 	Unhealthy diet and physical inactivity
	<ul style="list-style-type: none"> – Provide counselling and multi-drug therapy for people with medium-high risk of developing heart attacks and strokes – Treat heart attacks with aspirin 	Cardiovascular disease and diabetes
	<ul style="list-style-type: none"> – Hepatitis B immunization to prevent liver cancer – Screening and treatment of pre-cancerous lesions to prevent cervical cancer 	Cancer
Management Strengthen health care for people with NCDs		

The Cost of NCDs



Cost of inaction :

US\$ 7 trillion
(2011-2025)

Cost of action

US\$ 170 billion



NCDs included in the 2030 Agenda for Sustainable Development



SUSTAINABLE DEVELOPMENT GOALS



2030 Agenda for Sustainable Development



Commits governments to develop national responses:

- **Target 3.4:** By 2030, reduce by one third **premature mortality from NCDs**
- **Target 3.5:** Strengthen responses to reduce the **harmful use of alcohol**
- **Target 3.8:** Achieve **universal health coverage (UHC)**
- **Target 3.a:** Strengthen the implementation of the WHO Framework Convention on Tobacco Control (**FCTC**)
- **Target 3.b:** Support **research and development of vaccines and medicines** for NCDs that primarily affect developing countries
- **Target 3.b:** Provide access to affordable **essential medicines and vaccines** for NCDs

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[THANK YOU!]

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