rGLC/Europe: country technical support mechanism

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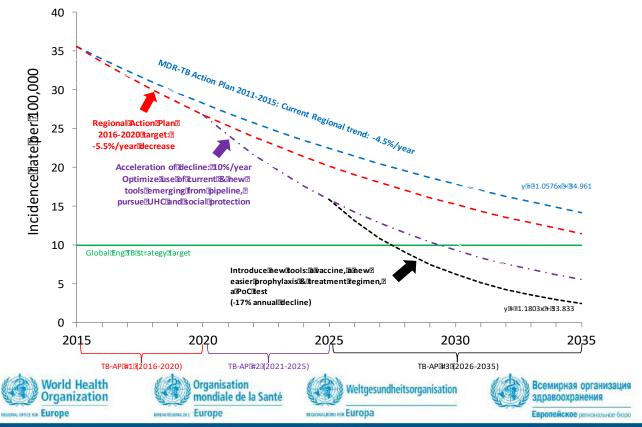








Moving towards 2035 EndTB Target



Milestones

- Created as Advisory board on M/XDR TB for WHO EURO in 2011;
- Consisted of 11 members, with different role: clinical, laboratory, managerial, programmatic, civil society, partner/implementer organisation;
- New Chair Dr Alena Skrahina (since June 2018);









Achievements: 2010-2019

- 12 countries with GF grants
- 9 face to face & 34 virtual rGLC meetings
- rGLC mission: 126
- rGLC+NTP M&E missions: 20
- TA missions: 25
- # workshops IC, PMDT, capacity

building lab: 10











rGLC/Europe meeting and w/shop on New drugs and Short Treatment Regimens











Rotation of rGLC/Europe consultants and new consultants

- Dr Alena Skrahina: Kazakhstan, Kyrgyzstan and Tajikistan;
- Dr Askar Yedilbayev: Azerbaijan and Georgia;
- Dr Elmira Gurbanova: Uzbekistan;
- Dr Inna Motrych: Turkmenistan;
- Dr Kai Blondal: Belarus and Ukraine;
- Dr Liga Kuksa: Albania, Bulgaria and Kosovo;
- Dr Natavan Alikhanova: Moldova;
- Dr Nino Lomtadze: Armenia and Romania;
- Dr Svetlana Setkina: all countries
- Dr Sven Hoffner: all countries















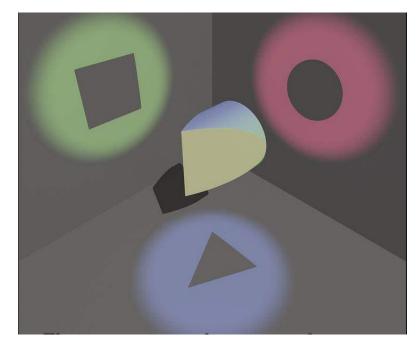






Complexity of truth

How many dimensions you can see? Why we still making same recommendations? Why recommendations are repetitive? What could be improved?











Factors contributing to the recommendations

- NTP is asking to make it more diplomatic;
- MoH is asking to reformulate;
- Partners not happy with findings;
- Consultant is under influence of ...;
- And what we have at the end?



Source: https://goo.gl/images/z5kdma and https://valueinvestasia.com/introduction-behavioral-biases-individuals-part-1/









Tailoring technical assistance to the needs of the countries

- How can one size fit all?
- Why not to propose different format for different TA?





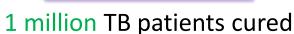






2011-2015

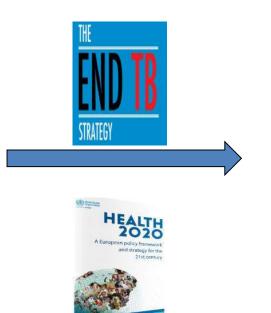




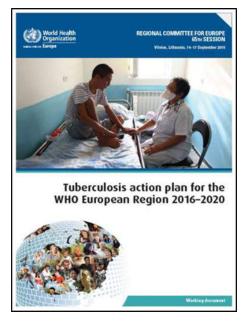
2.6 million lives saved







2016-2020



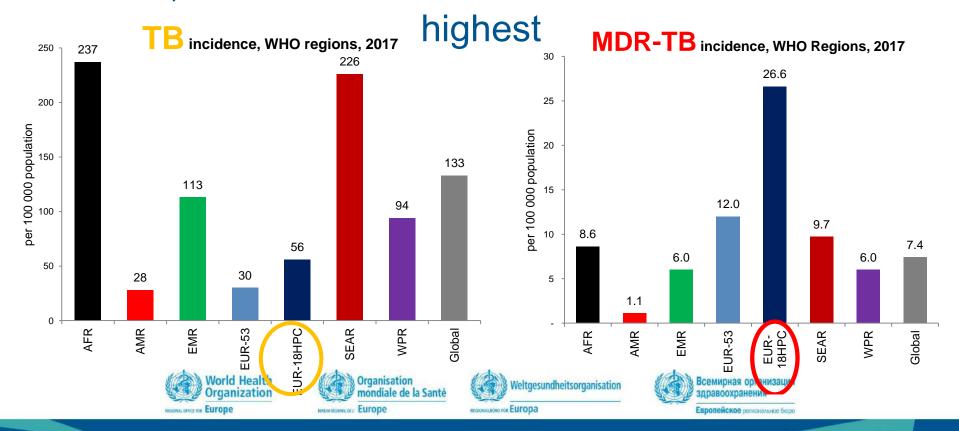
1.4 million TB patients will be cured

3.1 million lives will be saved

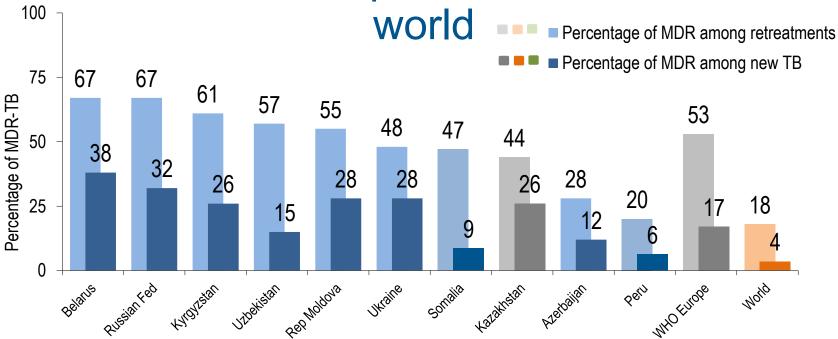




Europe's TB burden is among the lowest in the world, but the rates of new MDR-TB cases is the



MDR-TB in new TB cases occurs 4 times more often in Europe than in the rest of the



WHO Global TB Report 2018. Geneva: WHO, 2018 (WHO/CDS/TB/2018.20)





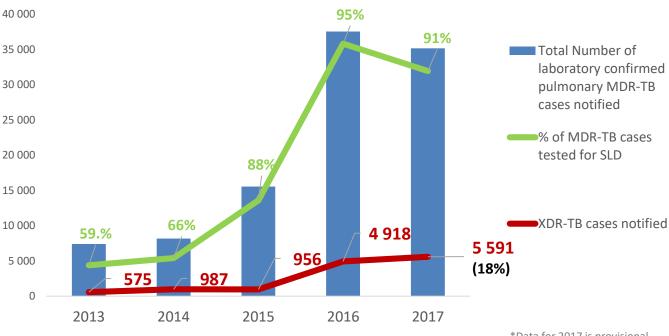




Extensively drug resistant TB is on the rise

In 2017 about One in five MDR-TB patients had XDR-TB.

XDR-TB is more difficult to treat than MDR-TB.







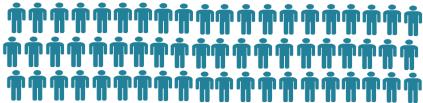






Only about 62% of MDR-TB patients are detected (2017 data)

77 000



drug-resistant TB cases in WHO European Region

26 404 (57.2%)

drug-resistant TB cases started treatment in 2015 with successful outcome







весконационо гов **Europa**

Европейское региональное биро

MDR-TB is one of key drivers of the TB epidemic in Europe







are found with MDR TURBERCULOSIS



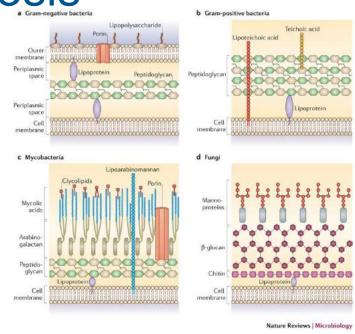






Clinical Strategies to kill Mycobacteria Tuberculosis

- Block RNA synthesis
- Block DNA (replication) process
- Block ATP production





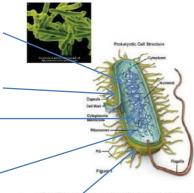


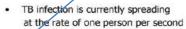




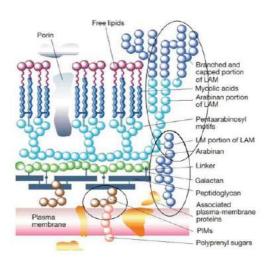
Actions of all TB drugs

GROUP NAME	ANTI-TB AGENT	ABBREVIATION
Group 1. First-line oral agents	Isoniazid	н
	Rifampicin	R
	Ethambutol	E
	Pyrazinamide	Z
	Rifabutina	Rfb
	Rifapentine ^a	Rpt
Group 2. Injectable anti-TB drugs (injectable agents or parental agents)	Streptomycin ^b	S
	Kanamycin	Km
	Amikacin	Am
	Capreomycin	Cm
Group 3. Fluoroquinolones (FQs) ^d	Levofloxacin	Lfx
	Moxifloxacin	Mfx
	Gatifloxacin ^c	Gfx
Group 4. Oral bacteriostatic second-line anti-TB drugs	Ethionamide	Eto
	Prothionamide	Pto
	Cycloserine	Cs
	Terizidone ^e	Trd
	Para-aminosalicylic acid	PAS
	Para-aminosalicylate sodium	PAS-Na
Group 5. Anti-TB drugs with limited data on efficacy and/or long term safety in the treatment of drug- esistant TB (This group includes new anti-TB agents)	Bedaquiline	Bdq
	Delamanid	Dlm
	Linezolid	Lzd
	Clofazimine	Cfz
	Amoxicillin/ clavulanate	Amx/Clv
	Imipenem/cilastatinf	lpm/Cln
	Meropenem ^f	Mpm
	High-dose isoniazid	High dose H
	Thioacetazones	T
	Clarithromycing	Clr





 "The single most lethal bacterial disease in the world"



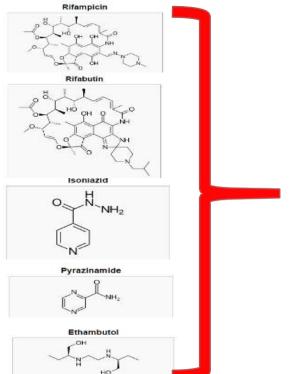


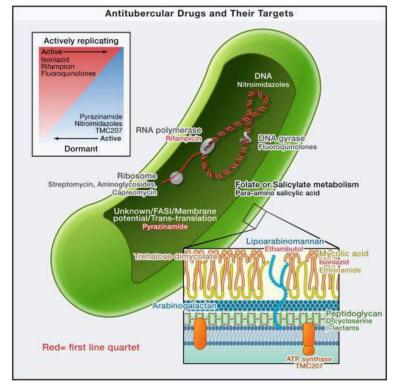






Action of the First Line TB drugs





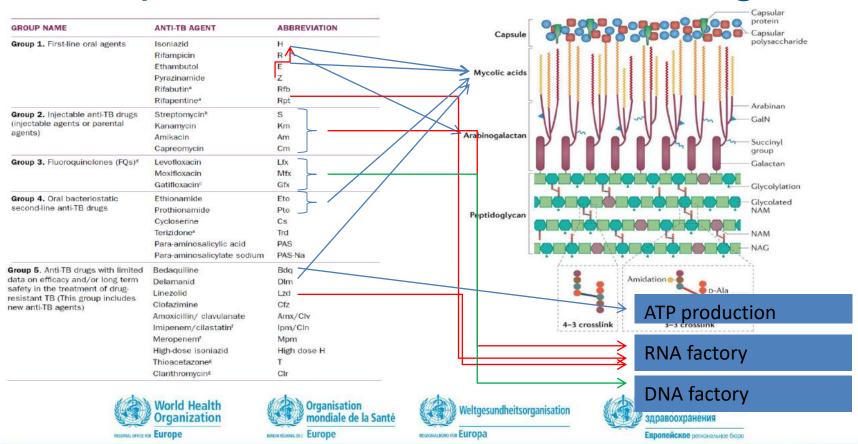




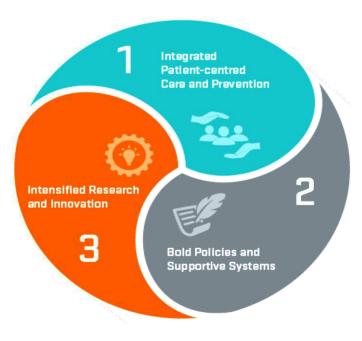




Specific actions of the TB drugs



Key strategic directions



- 1. Full scale-up of rapid diagnosis
- 2. Rapid uptake of new medicines
- 3. Expanding patient- and people-centred care
- 4. Shorter and more effective treatment regimens
- 5. Research for new tools
- Intersectoral approach to address inequities









Recent rGLC/Europe activities

- Finalized Action plan 2011 2015
- Endorsed Tuberculosis Action Plan for the WHO European Region 2016-2020
- Organized TA mission to all countries receiving support from TGF
- Follows up on the recent developments on End TB Strategy implementation
- Provides necessary input on treatment regimens composition and new drugs inclusion to the treatment of M/XDR TB (for all countries with GF grants)
- Providing countries with TA on new drugs introduction
- Coordinate activities with the other regional platforms, such as ELI (European Laboratory Initiative) and RCC (Regional Coordination Committee).











Work in progress

- 1. Strong advocacy for TB prevention and care
- 2. Strong partnerships, (ex)patient and civil-society involvement and empowerment
- 3. Adapt national strategic plans
- 4. Scale up intersectoral collaboration, in line with Health 2020
- 5. Continue exchange of good practices
- 6. Intercountry peer support and partnership with other projects like Challenge TB; MSF and Project HOPE leaded projects.
- 7. Cross border prevention and care
- 8. Close coordination with other Regional initiatives, TB-REP, ELI, RCC-TB, etc.











The way forward

- Intensify country specific work on diagnosis, treatment and care with focus on M/XDR – TB prevention and management of coinfection through integrated TB/HIV health services.
- 2. Boost exchange of good practices
- Scale up TB Control activities in prisons through the WHO Collaboration Center in Penitentiary
- Foster full implementation of National TB and MDR TB Action Plans
- 5. Organize training on new drugs and new treatment regimens for rGLC/Europe members and consultants









Acknowledgments

- WHO Regional office for Europe: Dr Masoud Dara, Dr Andrei Dadu, Dr Pierpaolo de Colombani, Dr Martin van den Boom, Dr Soudeh Ehsani;
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- Matthew Vandepol, Structure and Function, (https://prezi.com/y_xsz3ugw20b/structure-and-function/)







