

Antimicrobial resistance (AMR): action plans implementation

Kamil Saytkulov
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The Industry Declaration



Has been signed by 98 companies and 11 industry associations in 21 countries*

 <p>1. Work to reduce the development of antimicrobial resistance</p>	 <p>2. Invest in R&D that meets global public health needs with new innovative diagnostics and treatments</p>	 <p>3. Improve access to high-quality antibiotics and ensuring that new ones are available to all</p>
 <p>Support appropriate use and improved stewardship</p>	 <p>Invest in innovative antibiotics, vaccines, alternative technologies, and diagnostics</p>	 <p>Ensure affordable access to new and existing antibiotics</p>
 <p>Encourage infection control</p>	 <p>Support research in academia and Small and Medium Enterprises on new and re-purposed antibiotics</p>	 <p>Support programs to improve global access</p>
 <p>Support the one health approach and responsible use</p>	 <p>Support open collaboration between industry and public researchers</p>	<p>Launched on 21st January 2016 in Davos</p>
	 <p>Develop new valuation mechanisms and commercial models with payers and policy makers</p>	



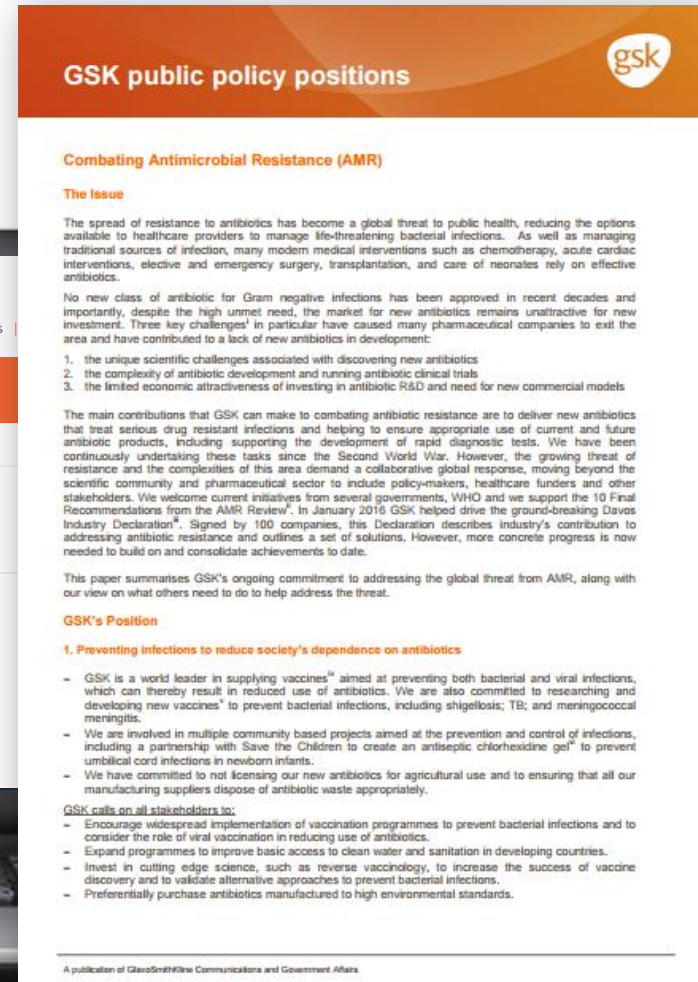
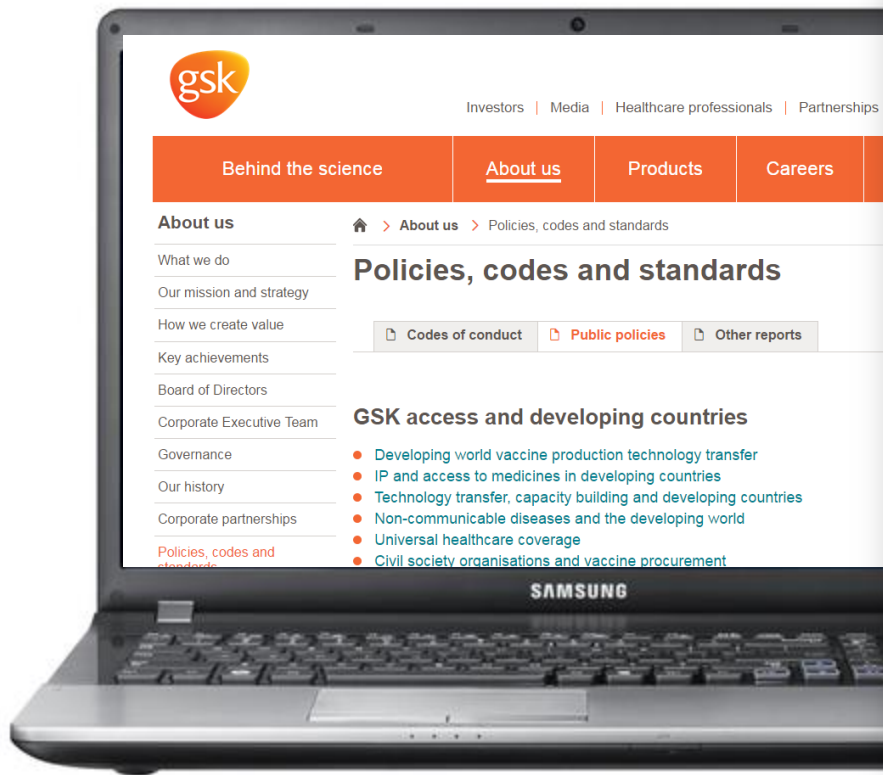
Global Risks Report 2016: [...] endemic infectious diseases remain a major problem, and new or resurging infections, the spread of drug resistance and the rise in non-communicable diseases all pose enormous challenges to often fragile health systems.

Combating Antimicrobial Resistance (AMR)



GSK public policy position

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- 1. Preventing infections to reduce society's dependence on ABs**
 - 2. Generating innovative treatments and a vibrant environment for antibiotic R&D**
 - 3. Creating a sustainable business environment that incentivizes appropriate use & investment**
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1. Preventing infections to reduce society's dependence on ABs



World leader in supplying vaccines aimed at preventing both bacterial and viral infections. Wide-spread use of vaccines result in fewer infections, lower demand for AB and contribute to reduced use of antibiotics. Example – GSK pneumococcal vaccine has been used to protect >70 mn children from pneumococcal infection. Non-bacterial vaccines avoid diseases that can trigger inappropriate use of ABs

Committed to researching and developing new vaccines to prevent bacterial infections incl. shigellosis, TB and meningococcal meningitis

Committed to not licensing our new AB for agricultural use and to ensuring that all our manufacturing suppliers dispose of AB waste appropriately

What needs to be done:

- Widespread implementation of vaccination programs to prevent bacterial infections, consider role of viral vaccination in reducing use of antibiotics
 - Elaboration of economic models for vaccines which account for the value they deliver through reduced use of antibiotics
 - Investment in new vaccine development
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2. Generating innovative treatments and a vibrant environment for antibiotic R&D



GSK is fully committed to the R&D of medicines aimed at treating bacterial infections. One of the few companies in the sector to continue discovery and development of new AB treatments, having an active pipeline despite scientific and economic challenges

Three dedicated DPU

Pooling knowledge and expertise via multiple PPPs. Example: IMI initiative “ND4BB” which is now valued at 700M Euro with 11 pharma partners and >100 academic and public groups.

What needs to be done:

- Ensure sustainable funding for AB R&D PPPs that would increase the success and efficiency of antibiotic R&D
 - Support legislation that streamlines the development of antibiotics for high unmet need
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3. Creating a sustainable business environment that incentivizes appropriate use & investment



Need for new commercial models that would separate or “de-link” revenues (reward) from the amount of antibiotic that gets used. That would incentivize investment in AB R&D while enabling access and reducing the pressure to maximize returns through increasing use of the new medicine

Providing scientific advice and seed-funding for PPPs aimed at catalyzing the development of fast (<20 min), accurate and cost-effective point-of-care diagnostics that will allow direct the use of ABs only in patients that need them, i.e. allow the appropriate use

Support strict regulations to prohibit provision of antibiotics without a prescription

GSK new commercial model that would help further ensure the focus is upon appropriate prescribing. Sales representatives incentivized based on their technical knowledge and quality of service and not based on their individual sales targets

What needs to be done:

- “Pilots” for new AB to be commercialized via de-linked type models
 - Integration of new diagnostics into patient care
 - Create an awareness campaign to reinforce an understanding of the lifesaving role of ABs, their value to the overall healthcare infrastructure and the critical need to use them appropriately
 - Encourage the industry to modernize promotional practices that would avoid inappropriate use and promotion of antibiotics
 - National Action Plans to reduce inappropriate use, including enforcement of prescription and dispensing regulations.
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