

# ZERO ~~X~~ 40

## SUMITOMO CHEMICAL COMPANY

“We must not merely seek business profits but must contribute broadly to society through our business activities.” – Sumitomo Chemical, founded with the dual goals of eliminating pollution and helping increase crop yields, has upheld this founding principle as it has evolved in keeping with the changing times. At present, the Sumitomo Chemical Group, including over 100 subsidiaries and affiliates, operates businesses in five sectors and provides products worldwide that support a wide variety of industries and help peoples’ daily lives.

Sumitomo Chemical contributes to solving problems facing the global community in areas such as resources, energy, food, and the environment to help meet pressing global challenges—such as improving people’s health and living standards and increasing food security—by making the best use of the power of chemistry. Through its endeavors, the company hopes to play a significant role in building a sustainable society.

Sumitomo Chemical has been actively engaged in the fight against malaria since the 1980s, when we first deployed Sumithion® for IRS use in its 40WP formulation. We deepened our engagement with the development of Olyset® Net, which became the first LLIN to receive full recommendation from WHO in 2001. Soon after, Olyset® Net started production in Africa in 2003 when Sumitomo Chemical provided a royalty-free technology license to A to Z Textile Mills in Arusha, Tanzania, and expanded in 2008 with the official opening of a 50:50 joint venture factory. This expanded our partnership with A to Z in East Africa, and by 2010 Olyset® Net production capacity reached 30 million LLINs per year, creating 8,000 jobs; more than half of the global Olyset® Net output and an outstanding contribution to the local economy. Sumitomo Chemical adheres to the belief that to be sustainable, bednet production must be localised in Africa. Local production in Africa provides a vital public health product and simultaneously boosts economic development beyond aid and towards self-sustaining enterprise.

Last year, Sumitomo Chemical achieved WHO prequalification on SumiShield® 50WG, providing the first brand-new mode of action chemistry for indoor residual spraying (IRS) in decades. SumiShield® 50WG represents a significant breakthrough, offering a new tool to allow programme managers to rotate between chemistries and be far better equipped to manage resistance. The SumiShield® 50WG formulation has proven efficacy and continues to work effectively for up to eight months after spraying, even against highly resistant mosquitoes.

Also in 2017, Sumitomo Chemical’s second-generation LLIN, Olyset® Plus, led WHO to designate a new interim class for pyrethroid PBO nets, after studies conducted by the London School of Hygiene & Tropical Medicine demonstrated epidemiological impact and public health value for Olyset® Plus in areas with moderate pyrethroid resistance.

Currently, Sumitomo Chemical is working on several strategies to combat resistance in insect vectors and is collaborating with the IVCC (Innovative Vector Control Consortium) to develop and bring to market innovative solutions to the challenges posed by resistance to pyrethroids and other insecticides. On the occasion of the Malaria Summit London 2018, Sumitomo Chemical confirms our resolve to continue to innovate and invest to bring new vector control solutions to market, until malaria is ultimately eradicated.