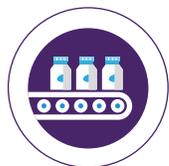


In 2018, we made the following progress against the AMR Industry Alliance commitments:

Commitment

Update



Review our manufacturing and supply chains to assess good practices in managing the release of antibiotic discharge into the environment.

Pfizer completed environmental risk assessment of antibiotic discharges at our Pfizer-owned and -operated manufacturing sites and at our antibiotic suppliers in India and China and commenced assessments at our antibiotic suppliers in the rest of the world. The assessments conducted to date indicate good practices are being followed at many sites. In some cases action plans have been developed to improve discharge controls and at other locations further assessment, including sampling, is underway.



Establish a common framework for managing antibiotic discharge, building on existing work such as the Pharmaceutical Supply Chain Initiative (PSCI), and apply these principles across our own internal manufacturing and external supply chain by 2018.

Pfizer evaluated our environmental programs that apply to sites and to suppliers against the AMR Industry Alliance “[Common Antibiotic Manufacturing framework](#).” Existing Pfizer policies and procedures largely met the expectations within the Framework, and areas not fully aligned were modified to align. Additionally audit protocols for evaluating performance against the common Framework for internal and external sites were developed building on PSCI assessment criteria.



Work with stakeholders to develop a practical mechanism to transparently demonstrate that our supply chains meet the standards in the framework.

In 2018 Pfizer worked with the Alliance Manufacturing group to agree on metrics / KPIs to demonstrate performance against the standards within the common framework. In 2019 Pfizer will publish further performance information on [www.pfizer.com](http://www.pfizer.com).



Work with independent technical experts to establish science-driven, risk-based targets for discharge concentrations for antibiotics and good practice methods to reduce environmental impact of manufacturing discharges by 2020.

The Alliance Manufacturing Group with support from Pfizer published a list of [antibiotic discharge targets](#) for a range of antibiotic compounds.