**IMPACT template (“mad lib”)**

For any enclosed public space where social distance cannot be maintained, it’s a challenge to avoid the spread of diseases by air.

Today, the best option is natural air exchange, when it’s not possible it yields to fast propagation of respiratory pathogens such as Influenza or SARS-CoV-2.

Thus, there is a need to reduce infectious ratio in public spaces which, if solved, it would have a worldwide effect on public health and countries labor productivity.

Solving this need can be achieved by generating an ion stream into air-conditioning devices. Viability was demonstrated with an air-infectious rate fall, up to 3 orders of magnitude, measured by Spanish Defense Biology Department.