

AZZURO

Air direction
Water direction



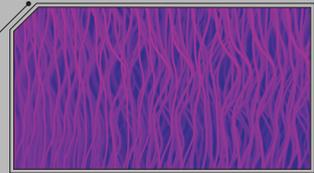
Clean air



A | Absorption of ammonia (NH_3) into liquid forming ammonium (NH_4)



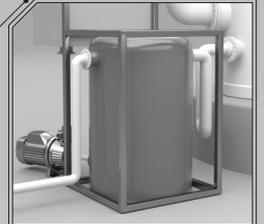
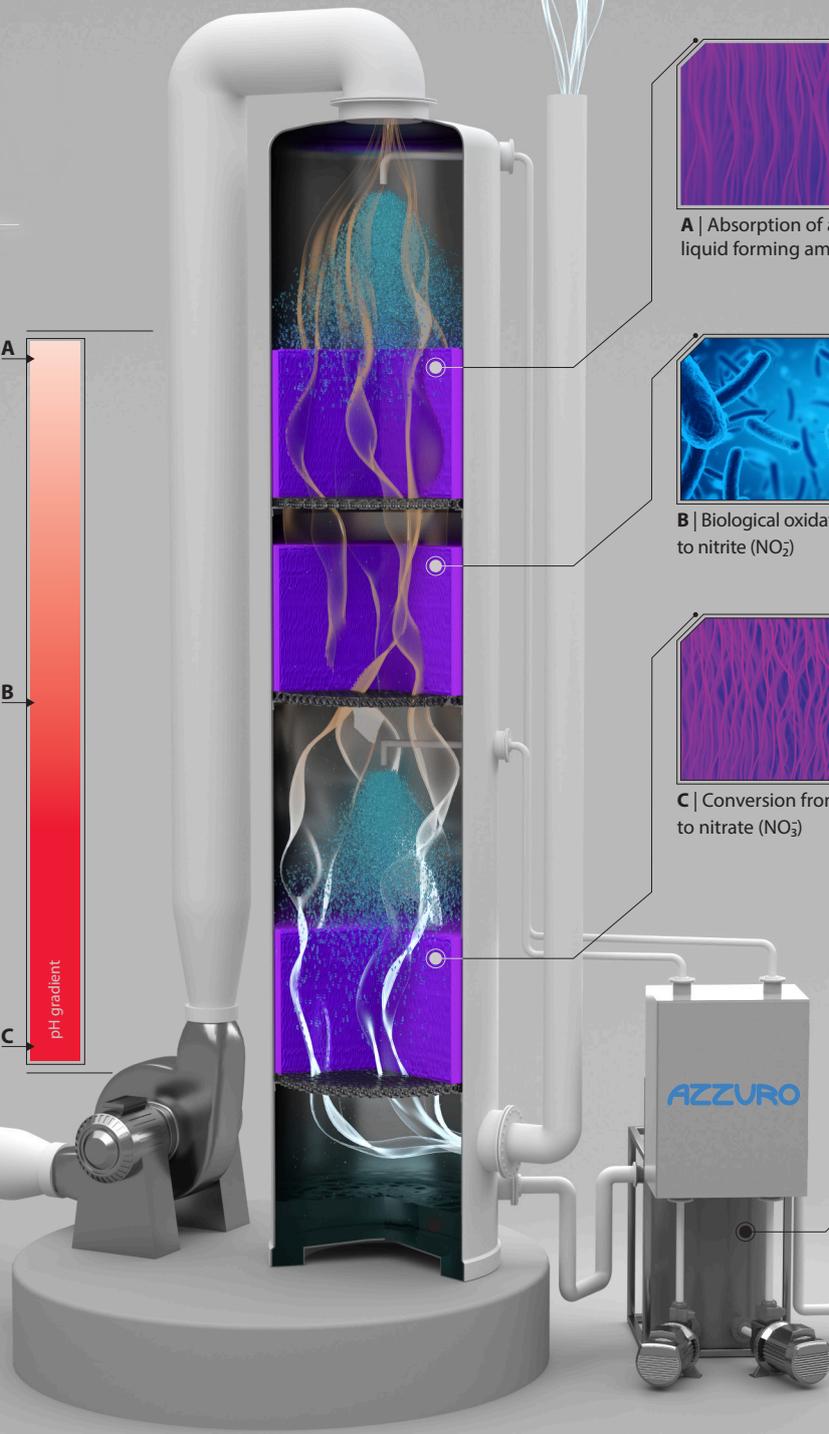
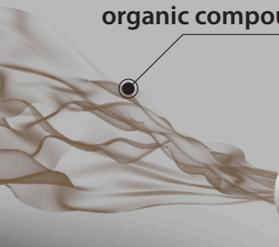
B | Biological oxidation of ammonium (NH_4) to nitrite (NO_2)



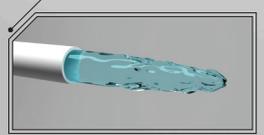
C | Conversion from nitrite (NO_2) to nitrate (NO_3)



Polluted air with ammonia and organic compounds



Recirculation system



Acidic drain water