

DOUGLAS MULHALL Biography

January 2021



Publications and Media

Douglas Mulhall has published non-fiction books, produced and directed documentary films, developed and led a national television and radio network, and co-authored policy papers for national governments as well as key academic publications. He co-authored [The Calcium Bomb](#) (TWC 2004) describing disruptive therapy for cardiovascular disease, and authored the best-selling [Our Molecular Future: How Nanotechnology, Robotics, Genetics, and Artificial Intelligence will Transform Our World](#) (Prometheus Books 2002), recommended by New Scientist. In 2019, he co-published [Creating Buildings with Positive Impacts](#), focused on healthy indoor environments. As chief author of the first [Circular Economy strategy](#) for a national government and co-author of the first [Circular Economy Blueprint](#) for Economic Development Zones, he integrated Environmental Health into business & policy. He was chief author of the first [Guide to Wastewater Recycling in Tropical Regions](#). He co-published the first journal paper on [Materials Passports](#) for healthy products. He co-founded and was first CEO of the national TV and Radio broadcast network, [ICTV](#). He is an accomplished documentary film maker and narrator, having produced and co-directed and being featured in others, one by *Modern Marvels*, another by the European Arte Network. He authored and edited hundreds of articles and done dozens of broadcast interviews. He holds a Bachelor of Journalism with Honors.

Environmental Health

Douglas Mulhall develops methods, products, buildings and infrastructures focused on Environmental Health. He co-founded and guided biotech, healthy product, healthy housing and public sanitation startups in Argentina, Brazil, Canada, Eastern Europe, Germany, Italy, Netherlands and the U.S. As Managing Director then Special Projects developer for the scientific institute [EPEA](#), he introduced Environmental Health to [award-winning schools](#) in Sweden, [healthy materials](#) for the packaging & printing industry, and co-founded the [Healthy Printing Initiative](#). He also pioneered affordable public sanitation innovations in Brazil & China. He originated the concept of a [standardized digital fingerprint](#) for healthy recyclable products and is working with +ImpaKT and the Ministry of Economy of Luxembourg to implement it. He is also chief developer of [Eco-design methods](#) with EPEA and Norsk Hydro. He co-founded a startup biotech company specializing in healthy nanoparticle therapies to reverse cardiovascular disease.