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ABSTRACT

OVERVIEW OF THE ODOUR REGULATIONS AROUND THE WORLD

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Summary

This paper is a collaborative work by more than seventeen international odour experts sharing comprehensive summaries and evaluations of odour policy and legislation from seventeen countries/regions: Europe (Austria, Belgium, France, Germany, Hungary, Italy, the Netherlands, Spain, the UK), Asia (China, including Hong Kong, Japan), Australasia (Australia, New Zealand), North America (the USA, Canada), and South America (Chile, Colombia).



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Odour nuisance is currently one of the main causes of environmental grievances around the world and, in some countries, are routinely the cause of most environmental complaints to regulatory authorities.

Many countries have incorporated different odour controls into their legislation. However, odour-related assessment criteria tend to be highly variable between countries, individual states, provinces, and even counties and towns. Legislation ranges from no odour pollution mention in environmental legislation that regulates pollutants, which are known to have an odour impact, to other legislations that provide extensive details about odour source testing, odour dispersion modelling, ambient odour monitoring, setback distances, process operations, and odour control technologies or procedures.

This paper outlines and summarizes these varying approaches and discusses the advantages and disadvantages of the different systems established.

Indicate preference of kind of presentation ■ Oral Communication □ Poster
Indicate topic of your work for the conference:
Policy and associated regulations for odour and air quality.
☐ Odour/VOC measurement, monitoring&sensor technologies.
☐ Odour/VOC perception, impact, formation and dispersion.
☐ GHG emissions particulate matter and industrial emissions.
☐ Source characterization and odour/VOC mapping.
☐ Odour/VOC abatement, mitigation and neutralization.
☐ Odour/VOC from waste water, sewer systems and livestock.
☐ Air emissions and sustainable solutions for waste handling
☐ Community engagement, social media and citizen action.
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