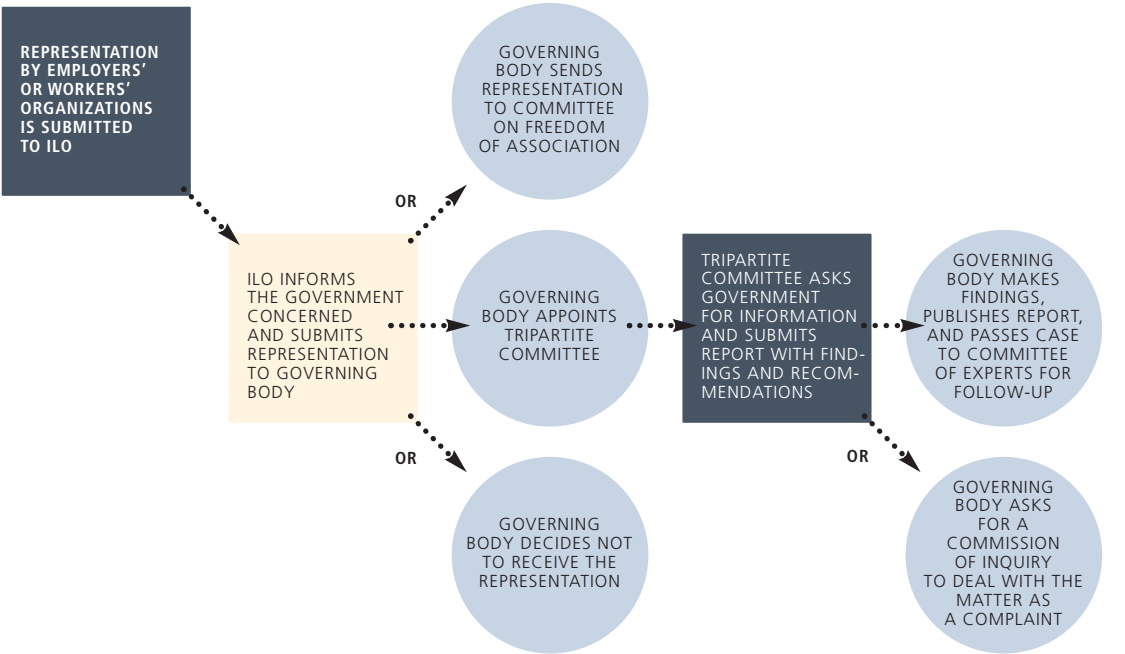The Representations procedure