In this talk, we present some initial steps of a work in progress with Nicolas Dutertre (AMU, France) about the use of the global Euler obstruction, defined by Seade, Tibar and Verjovsky, to study singularities of a function at infinity in a similar way to the Euler obstruction of a function, defined by Brasselet, Massey, Parameswaran and Seade, in the local case.