

UEPG Sustainable Development Awards 2020

Company: Holcim Bonanno Quarry and Cantoni & C. s.p.a.

Location: Boffalora sopra Ticino, Italy

**‘Defender’ a protective structure
against roll-over and falling objects**



Where, in the case of self-propelled machinery with a ride-on driver, operator(s) or other person(s), there is a risk of rolling or tipping over, the machinery must be fitted with an appropriate protective structure, unless this increases the risk. The anti-tipping device ‘Defender’ was developed jointly by the quarry ‘Bonanno’ and by Cantoni company. The project has been developed according to the H&S specifications provided by Holcim Italy and it is now patented, approved by the national body for civil motorization and the Bonanno quarry is the first user in Italy.