



1877, Smith Collection/Gado/Getty Images

# DRUA

The DRUA is today at the pinnacle of double-hull racing sailboats, as it was centuries ago. One of the fastest ever made and known for its ability to sail against the wind, at speed. We believe in **LOCAL KNOWLEDGE**, local know-how, **LOCAL MATERIAL** and the capacity to shape those materials with the know-how. We believe in **COMMUNITY SELF-RELIANCE**, and the local ability to maintain and repair technology, and advance knowledge that stays local. In this light, we are proposing to engage the incredible local knowledge invested in the Drua. We propose to use the wood-working knowledge and local timber to create multiple small wooden “leaky dams” along the mountain drainage routes to slow the running water in rainy season, avoiding floods, and harvesting rainy season water in retention ponds and filtering it using proven low-tech solutions of bio and sand filtration. We propose to use the two wooden hulls of the Drua to retain, filter, and store water and to provide a “deck” for **PUBLIC AND COMMUNITY GATHERINGS**, to celebrate, commune, and play rugby. We see the construction of the “leaky dams” and the two Drua hulls as community efforts that bring everyone together and pass on community knowledge to the younger generations. The “sail” includes Photo-Voltaic panels that generate power for the community, protect the retention-pond from evaporation, and provide shade for the “deck” during community gatherings. The PV panel technology is, obviously, imported to the village. However, its sub-structure is constructed using local timber know-how, once again relying on local knowledge and material, this time, paired with imported high technology.

The Drua serves as the model for this proposal, in that it brings together local knowledge with the **PINNACLE** of international achievement.

