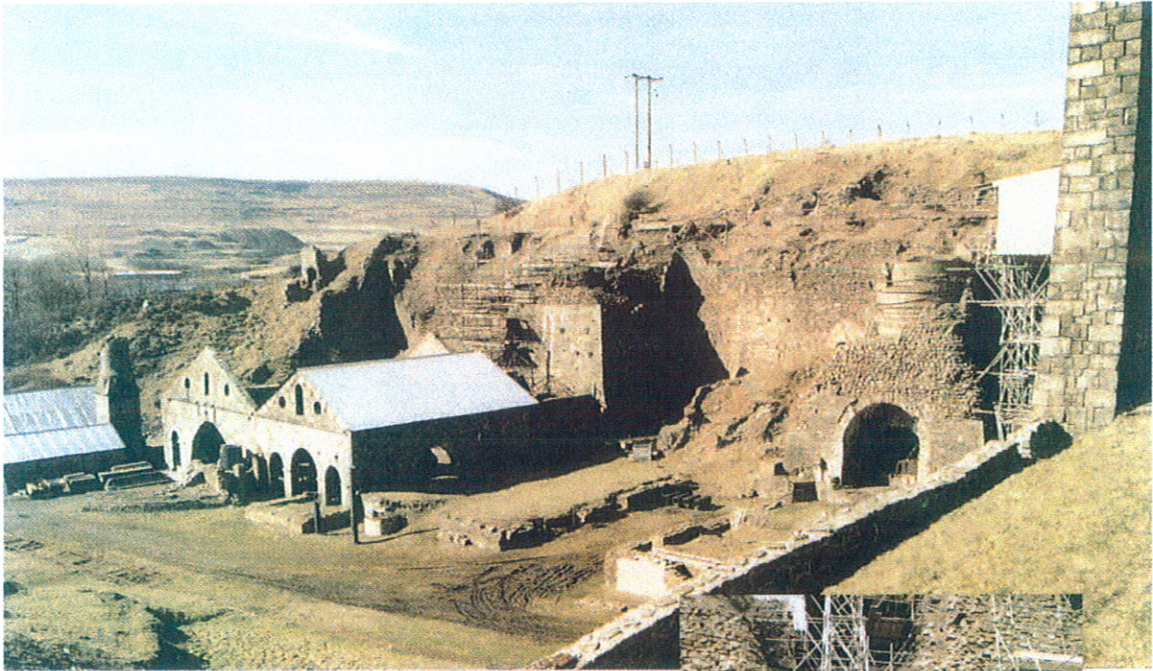


# CASE HISTORY

## BLAENAVON IRONWORKS SOUTH WALES (UK)



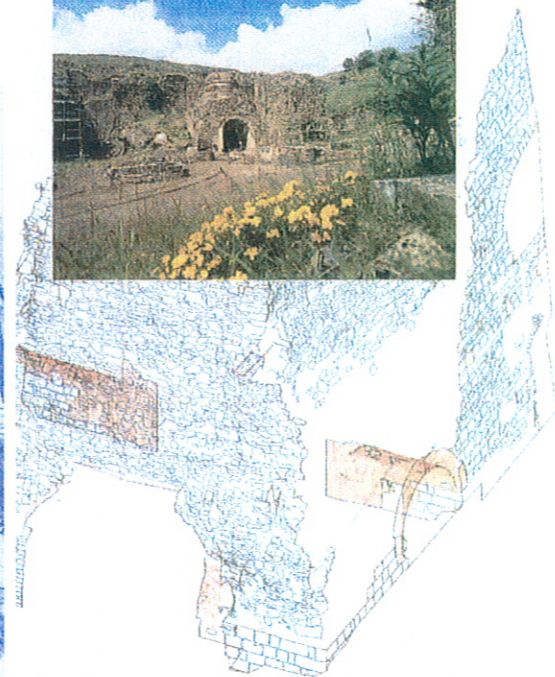
The furnaces at Blaenavon were built in 1788-89, and by 1796, were the second largest ironworks in Wales until its demise in the 1880's. It is now in urgent need of attention, CADW, responsible for the renovation of Welsh historic monuments, are involved in a programme of restoration to the main furnaces at Blaenavon.

A series of anchors have been installed to support the delicate structure to allow access for repairs and refurbishment.

A digital 3D model has been produced for the engineering team responsible for stabilisation of the structure. Working in very difficult conditions the team collected data to produce 3D elevations of all the faces of the furnace.



Drawing by Sir Richard Colt Hoare from Cox's Tour in Monmouthshire 1799 – Courtesy CADW



Drawing: Plowman Craven & Associates (Tel. 01582 765566)  
Photo: Welsh Historic Monuments, CADW