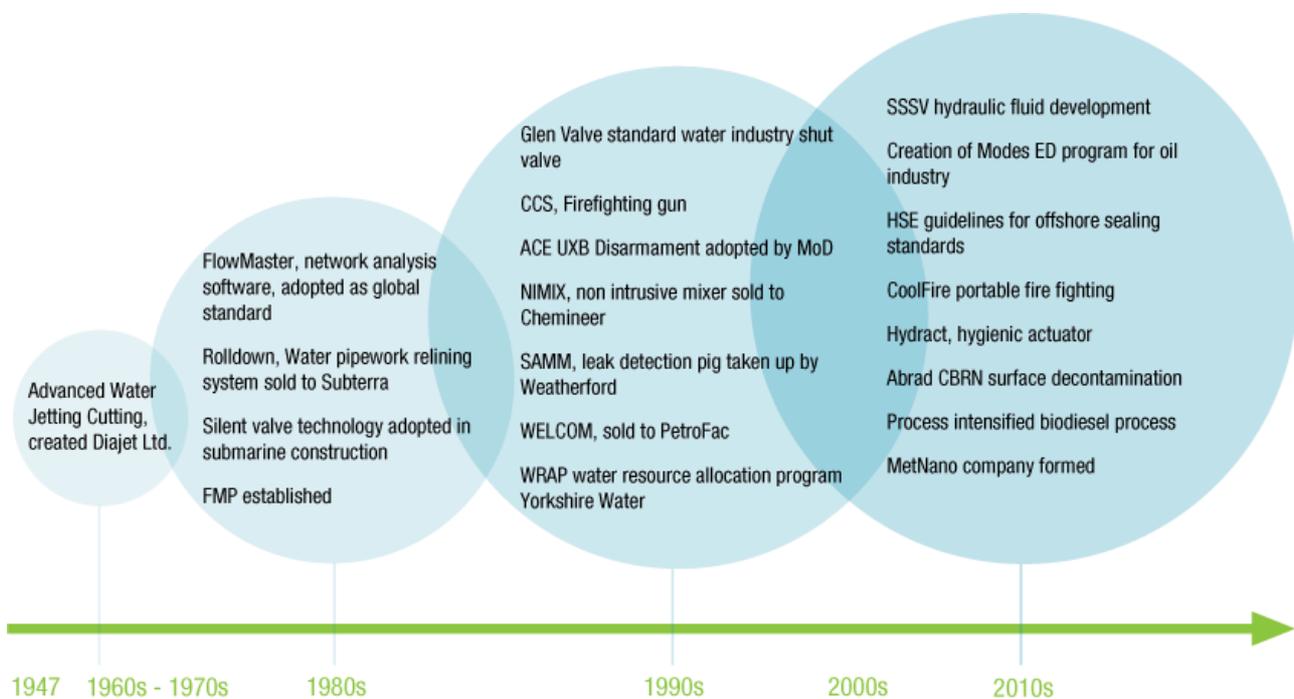


History of innovation

BHR Group intellectual property and technology breakthroughs

Following our inception, the BHR Group organisation has produced an ever increasing number of technical and fluid engineering innovations, some of which became our IP portfolio, others were spun-out as separate companies or sold. BHR Group continues this tradition of innovation.



BHR Group is an independent industrial research and technology organisation specialising in the application of fluid engineering to industrial processes. We are a multi-disciplinary company that grew out of the BHRA (British Hydromechanics Research Association), one of the founding Research Associations established by the UK government in the late 1940s.

BHRA was established in 1947 as a company limited by guarantee with the objective of extending the knowledge of scientific principles and their application to the manufacture and use of hydraulic machinery. Its initial aim was to meet the needs of British pump manufacturers by addressing generic problems in pumping technology.

Set up as an Association, BHRA depended on its members' contributions and government funding to exist. Due to limited financial support, it became necessary to admit members from other industries and countries. Oil, process and power user industries were recruited into membership along with consulting engineers.

Business flourished and in the late 1960s BHRA outgrew its first laboratory premises in Harlow, Essex. The company moved to its present site at Cranfield on the University campus where it

constructed extensive new offices and laboratories. The technology base was expanded into all aspects of fluid flow and a new name was adopted for the business, BHRA, The Fluid Engineering Centre.

In 1989 the business and assets were bought out by management to form BHR Group Ltd., an independent private company. BHRA's business and staff formed the core research and development activity within BHR Group Ltd., whilst new subsidiary companies were formed to realise the potential of the intellectual property portfolio.

DIAJET Limited was established in 2000 as a wholly owned subsidiary of the Group to develop, manufacture and sell our abrasive waterjet cutting knowhow through the OSPREY family of products. The product range has since grown to cover not only precision cold cutting but surface cleaning, surface preparation and fire fighting. These products are available as containerised, skid mounted and portable cutting systems and are now offered for sale or hire through BHR Group.

In 2003, in line with BHR Group Ltd.'s policy of capitalising on its inventions, the CALTEC unit, specialising in equipment for the oil and gas industry, became independent following an MBO.

In 2006, BHR Biofuels became an associate company of BHR Group Ltd. having been formed by former BHR Group staff to develop and exploit our mixing technology in the manufacture of biodiesel products.

In 2008, BHR Group Ltd. began a process of re-branding in order to build up a more effective relationship with its clients. The outcome of the re-branding process was a new website, new logo and new communication materials based on upgraded technology and an interactive contemporary approach.

In 2011 BHR Group Ltd. was purchased outright by VirtualPiE Ltd., though still trades as BHR Group.