

ZEON Group (Overseas)

ZEON Chemicals Europe Ltd. (ZCEL)

Introduction to ZEON Chemicals Europe Ltd.

The ZEON Chemicals Europe Ltd. (ZCEL) facility at Barry, Wales, UK, has been in operation since the late 1950's. From 1967 until 1989, the plant was under the control of BP Chemicals Ltd., and in 1989, ZEON Corporation took over the operation.

NBR, ZSC and NBR-Lx are produced at this plant and exported to Europe, America and Asia. The plant is also the location of the European Technical Service Laboratory. ZCEL has 89 employees and its production operation has management systems that are registered as compliant with both ISO 9001 and ISO 14001 standards.

ZCEL operates from a single site, situated in the center of the Barry Industrial Complex, which also houses AES, Momentive Chemicals, Cabot Carbon, Dow Corning, National Power, and Vopak Tank Terminal. The complex is situated within the Vale of Glamorgan approximately two kilometers east of Barry's town center.



President Shinji Komiyama



U.K. Plant

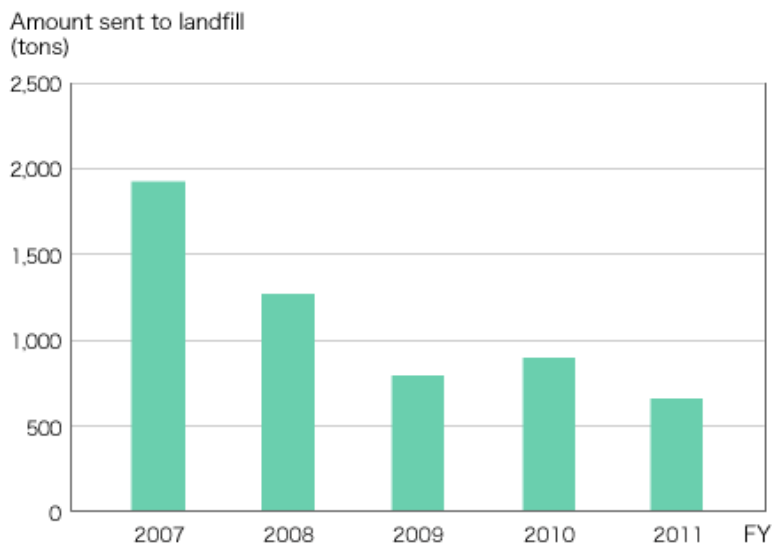
Environmental and Safety Activities

1. Reducing Waste

Waste reduction has always been a key objective as part of continual improvement in environmental and overall business performance.

There was an objective in 2011 to reduce overall waste to landfill to comply with the new legislation and waste hierarchy requirements. Also to reduce costs of waste disposal which are increasing substantially year on year. A new outlet for our hazardous waste was found after it had been allowed to weather to reduce its monomer content as a low quality material for processing in Asia. This material has been renamed Z grade and will continue to be sold in 2012.

Amount of Waste to Landfill



2. Environmental Data

ZEON Chemicals Europe Ltd. (UK)		FY2007	FY2008	FY2009	FY2010	FY2011
Substances covered by PRTR law	Number of substances	2	2	2	2	2
	Consumption (tons)	13,546	12,554	9,596	10,400	10,852
	Amount emitted (tons)	3.2	3.3	5.0	6.0	6.0
Industrial waste	Amount generated (before volume reduction) (tons)	1,937	1,302	818	930	680
	Amount sent to landfill (tons)	1,911	1,280	808	908	644
Water resources (Industrial water + Ground water + Waterworks) consumption (1,000 m³)		-	-	-	-	303
CO₂ emissions (tons)		16,500	15,099	10,369	11,583	12,597
Energy consumption (crude oil equivalent, kL)		6,760	6,661	5,480	6,111	6,619

Activities with the Local Community

ZCEL has an active Community panel in force as part of Chemical complex Joint sites initiative to promote good relations with our local residents and to address any complaints. The policy is to investigate any environmental concerns promptly and visit local residents as necessary and address their concerns in this way we can quickly resolve their concerns and take action as necessary. Any concerns would have been dealt with and ZCEL in conjunction with neighboring sites has a role in raising awareness.

ZCEL sponsors Barry Rugby Club Mini and Junior Section, which run teams at under 7, 8, 9 10, 11, 13, 14 and 16 years of age. Teams train and play on a Sunday morning with more than 200 children registered.

In 2012 the sponsor money was used towards the formation of a new Under 7s team, purchasing balls, cones, bibs and poles for training. The side has been successful this season, winning 6 of their first 7 matches and are now up to maximum numbers registered with more children on a waiting list.

Barry RFC would like to thank ZCEL for their support of the local children and their contribution towards this success.



Barry Rugby Football Club's mini and junior teams