

Nuclear Earth - NAC International Inc.

Country Profile: Belgium

Name	Long Name	FIPS Code	Group	CIS	Agreement For Cooperation	Nuclear Weapon State	NPT Signatory	Sensitive	Terror Sponsor
Belgium	Belgium	BE	West Europe	N	Euratom	N	Y	N	N

Annualized Reactor Demand for Belgium

Class	Year	Fabrication MTHM	Enrichment MTSWU	Conversion MTU as UF6	U3O8 (Thousands of Lb.)
Commercial	2007	118.193	704.832	1123.886	2936.587
Commercial	2020	122.271	813.562	1101.520	2878.146

Capacity for Belgium

Facility	Class	Status	Quantity	Units	Form	Effective Date
Fabrication	Commercial	Operating	500	MT HM/Year	U	11/01/2007
Reactor	Commercial	D&D Underway	10.5	Megawatts	Electric	11/01/2007
Reactor	Commercial	Operating	5766	Megawatts	Electric	11/01/2007
Reactor	Other	D&D Underway	0.25	Megawatts	Thermal	11/01/2007
Reactor	Other	Operating	84.0005	Megawatts	Thermal	11/01/2007
Reactor	Other	Shutdown	0.0005	Megawatts	Thermal	11/01/2007

Count for Belgium

Type	Class	Operating	Future	Shutdown	D&D Underway	Decomm.	Total	Effective Date
Assembly	Commercial	10	2			1	13	11/01/2007
Assembly	Other	1					1	11/01/2007
Fabrication	Commercial	1		2			3	11/01/2007
Mill	Commercial				1		1	11/01/2007
Reactor	Commercial	7			1		8	11/01/2007
Reactor	Other	3		1	1		5	11/01/2007
Reprocessor	Commercial			1			1	11/01/2007
Total		22	2	4	3	1	32	11/01/2007

Index for Belgium - (Worldwide Index)

Country	State	Location	Site	Owner	Name	Type	Sub Type	Class	Status	Group
Belgium	Antwerpen	Dessel	Dessel	AREVA NP EU	Dessel	Fabrication		Commercial	Operating	West Europe
Belgium	Antwerpen	Dessel	Dessel	BN/FBFC	Dessel MOX	Fabrication		Commercial	Shutdown	West Europe
Belgium	Antwerpen	Dessel	Dessel	AREVA NP EU	FBFC MOX	Fabrication		Commercial	Shutdown	West Europe
Belgium	Antwerpen	Dessel	Eurochemic	SCK/CEN	Belgo Dry	Assembly	Dry Storage	Other	Operating	West Europe
Belgium	Antwerpen	Dessel	Eurochemic	Eurochemic	Eurochem PI1	Assembly	Pool	Commercial	Decomm.	West Europe
Belgium	Antwerpen	Dessel	Eurochemic	Eurochemic	Eurochem PI2	Assembly	Pool	Commercial	Operating	West Europe
Belgium	Antwerpen	Dessel	Eurochemic	Eurochemic	Eurochemic	Reprocessor	PUREX	Commercial	Shutdown	West Europe
Belgium	Antwerpen	Mol	Mol	SCK/CEN	BR-02	Reactor	Pool	Other	Shutdown	West Europe
Belgium	Antwerpen	Mol	Mol	SCK/CEN	BR-1	Reactor	Graph	Other	Operating	West Europe

Belgium	Antwerpen	Mol	Mol	SCK/CEN	BR-2	Reactor	Tank	Other	Operating	West Europe
Belgium	Antwerpen	Mol	Mol	SCK/CEN	BR-3	Reactor	PWR	Commercial	D&D Underway	West Europe
Belgium	Antwerpen	Mol	Mol	SCK/CEN	Venus	Reactor	Tank	Other	Operating	West Europe
Belgium	Liege	Engis	Engis	Prayon-Rupel	Engis	Mill	Phosphate Rec	Commercial	D&D Underway	West Europe
Belgium	Liege	Huy	Tihange	Synatom Util	Tih. DE futu	Assembly	Pool	Commercial	Future	West Europe
Belgium	Liege	Huy	Tihange	Synatom Util	Tihange 1	Reactor	PWR	Commercial	Operating	West Europe
Belgium	Liege	Huy	Tihange	Synatom Util	Tihange 2	Reactor	PWR	Commercial	Operating	West Europe
Belgium	Liege	Huy	Tihange	Synatom Util	Tihange 3	Reactor	PWR	Commercial	Operating	West Europe
Belgium	Liege	Huy	Tihange	Synatom Util	Tihange DE	Assembly	Pool	Commercial	Operating	West Europe
Belgium	Liege	Huy	Tihange	Synatom Util	Tihange1 P11	Assembly	Pool	Commercial	Operating	West Europe
Belgium	Liege	Huy	Tihange	Synatom Util	Tihange2 P11	Assembly	Pool	Commercial	Operating	West Europe
Belgium	Liege	Huy	Tihange	Synatom Util	Tihange3 P11	Assembly	Pool	Commercial	Operating	West Europe
Belgium	Oost-Vlaanderen	Doel	Doel	Synatom Util	Doel 1	Reactor	PWR	Commercial	Operating	West Europe
Belgium	Oost-Vlaanderen	Doel	Doel	Synatom Util	Doel 2	Reactor	PWR	Commercial	Operating	West Europe
Belgium	Oost-Vlaanderen	Doel	Doel	Synatom Util	Doel 3	Reactor	PWR	Commercial	Operating	West Europe
Belgium	Oost-Vlaanderen	Doel	Doel	Synatom Util	Doel 4	Reactor	PWR	Commercial	Operating	West Europe
Belgium	Oost-Vlaanderen	Doel	Doel	Synatom Util	Doel SCG	Assembly	Dry Storage	Commercial	Operating	West Europe
Belgium	Oost-Vlaanderen	Doel	Doel	Synatom Util	Doel SCG fut	Assembly	Dry Storage	Commercial	Future	West Europe
Belgium	Oost-Vlaanderen	Doel	Doel	Synatom Util	Doel1 P11	Assembly	Pool	Commercial	Operating	West Europe
Belgium	Oost-Vlaanderen	Doel	Doel	Synatom Util	Doel2 P11	Assembly	Pool	Commercial	Operating	West Europe
Belgium	Oost-Vlaanderen	Doel	Doel	Synatom Util	Doel3 P11	Assembly	Pool	Commercial	Operating	West Europe
Belgium	Oost-Vlaanderen	Doel	Doel	Synatom Util	Doel4 P11	Assembly	Pool	Commercial	Operating	West Europe
Belgium	Oost-Vlaanderen	Gent	Univ of Gent	U of Gent	Thetis	Reactor	Pool	Other	D&D Underway	West Europe

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