



UPSTREAM CLAIMS OVERVIEW 2000 - 2015

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Willis Limited

**ASIA OFFSHORE ENERGY CONFERENCE
2015**

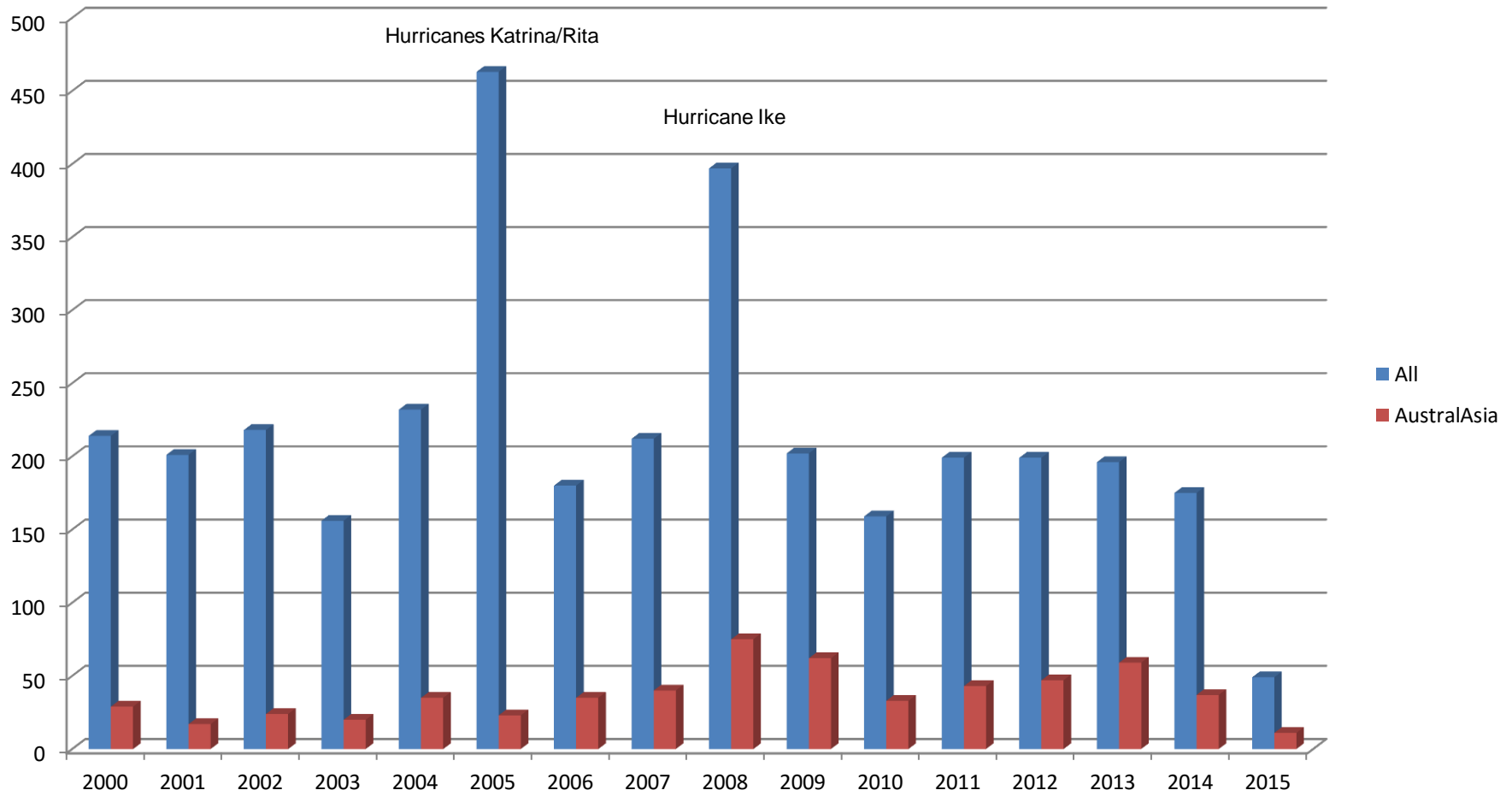
Introduction

FOR THE CHARTS AND LISTINGS THAT FOLLOW PLEASE NOTE:

- ALL data is from the Willis Energy Loss Database (WELD)
- Only losses excess of \$ 1,000,000 FGU have been included
- For the purposes of this presentation, 'AustralAsia' is a combination of Australasia and Far East losses as WELD differentiates between these areas
- The figures relate to PD/S&P, OEE and BI costs only – no death & injury liability costs are included
- These are industry figures rather than insured figures which means
 - Where possible they INCLUDE deductibles and waiting periods
 - They are not restricted to any policy limits but the costs involved are considered insurable
 - In other words, if you recognise the loss you may not recognise the amount!
- We will be delighted to receive information regarding omissions or inaccuracies
- It is still too early to have an accurate overview for 2014 and far too early for 2015

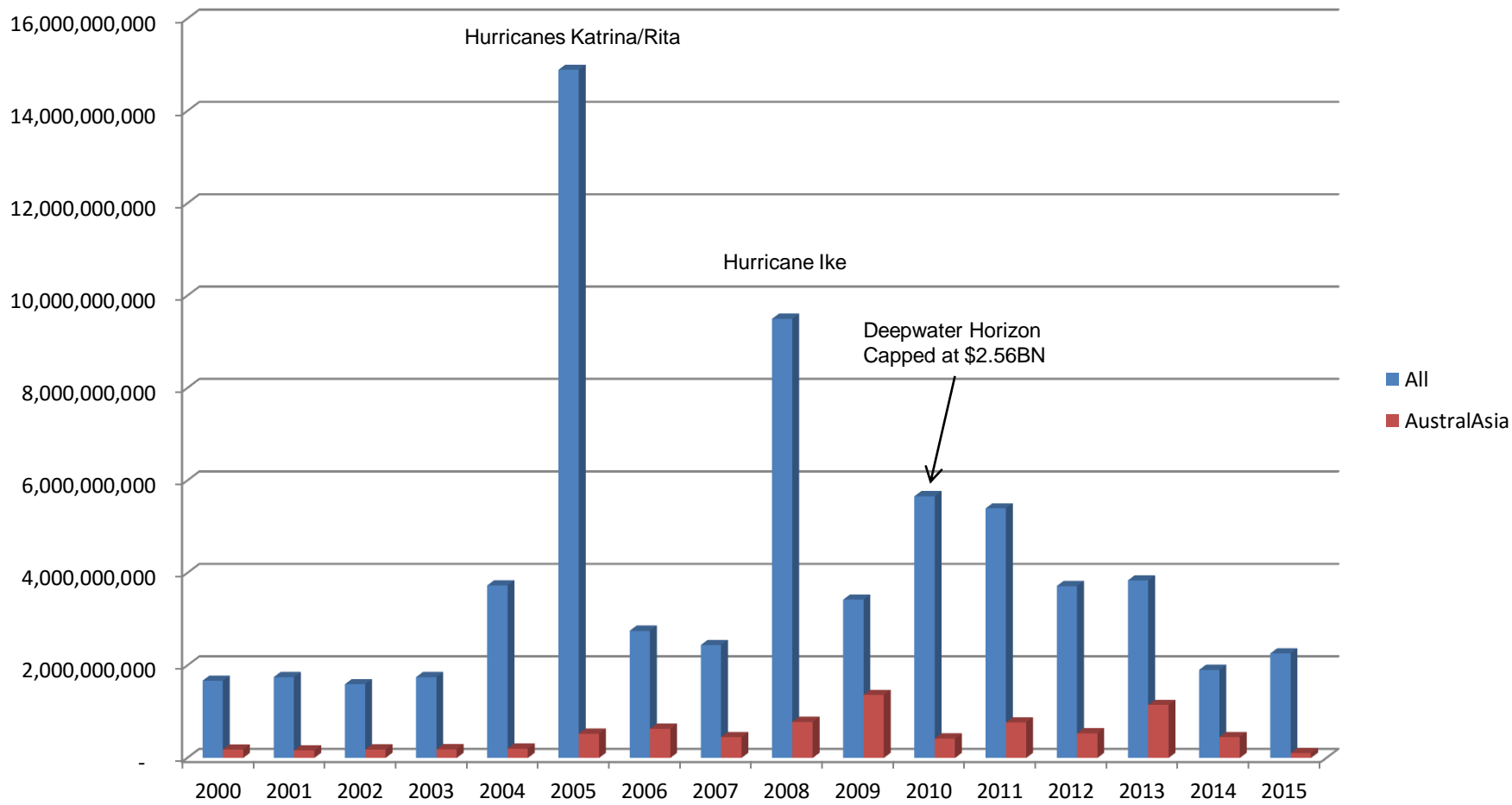
Upstream Losses – 2000 to date including windstorm

Incidents

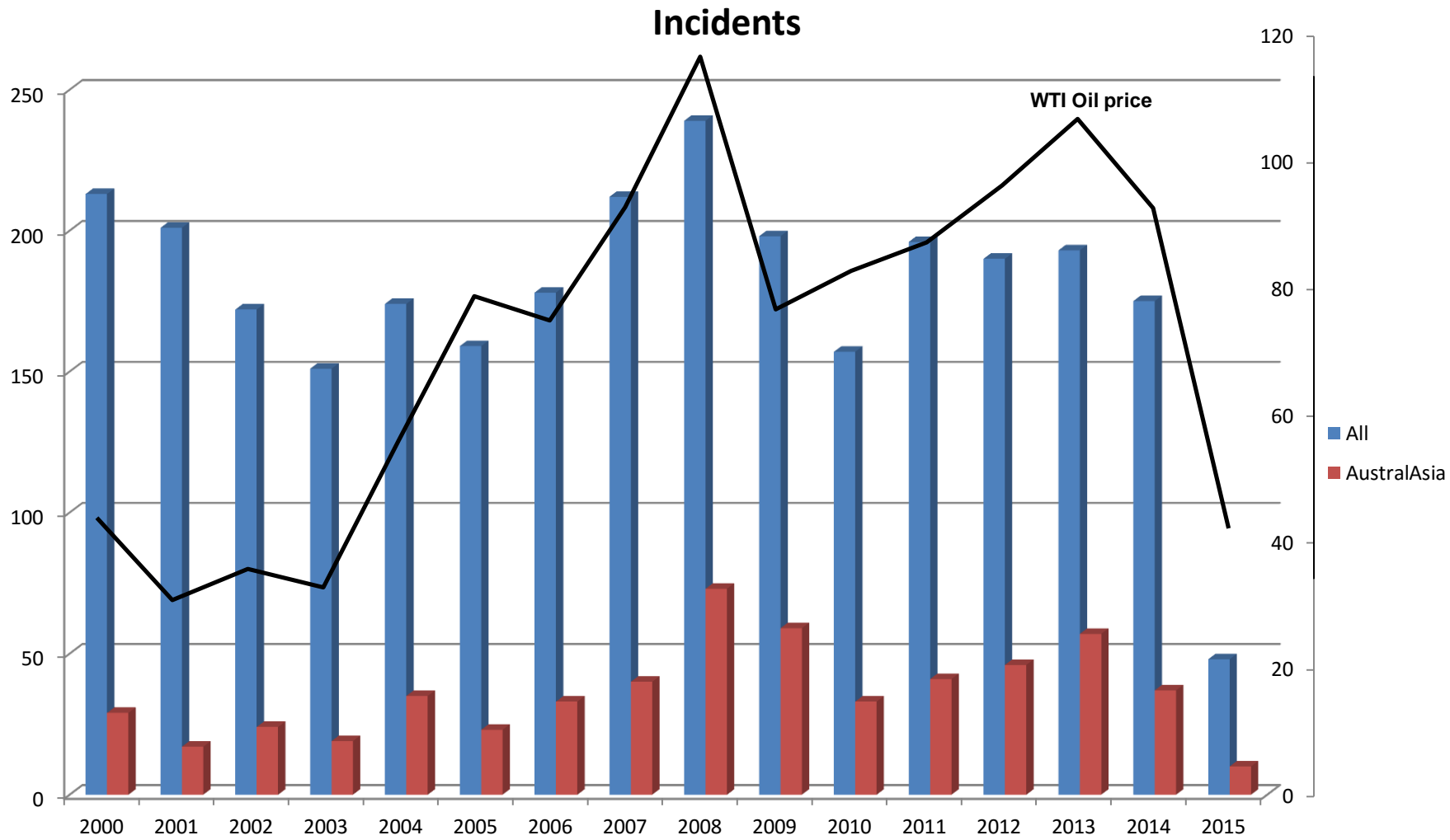


Upstream Losses – 2000 date including windstorm

Total Actual US\$

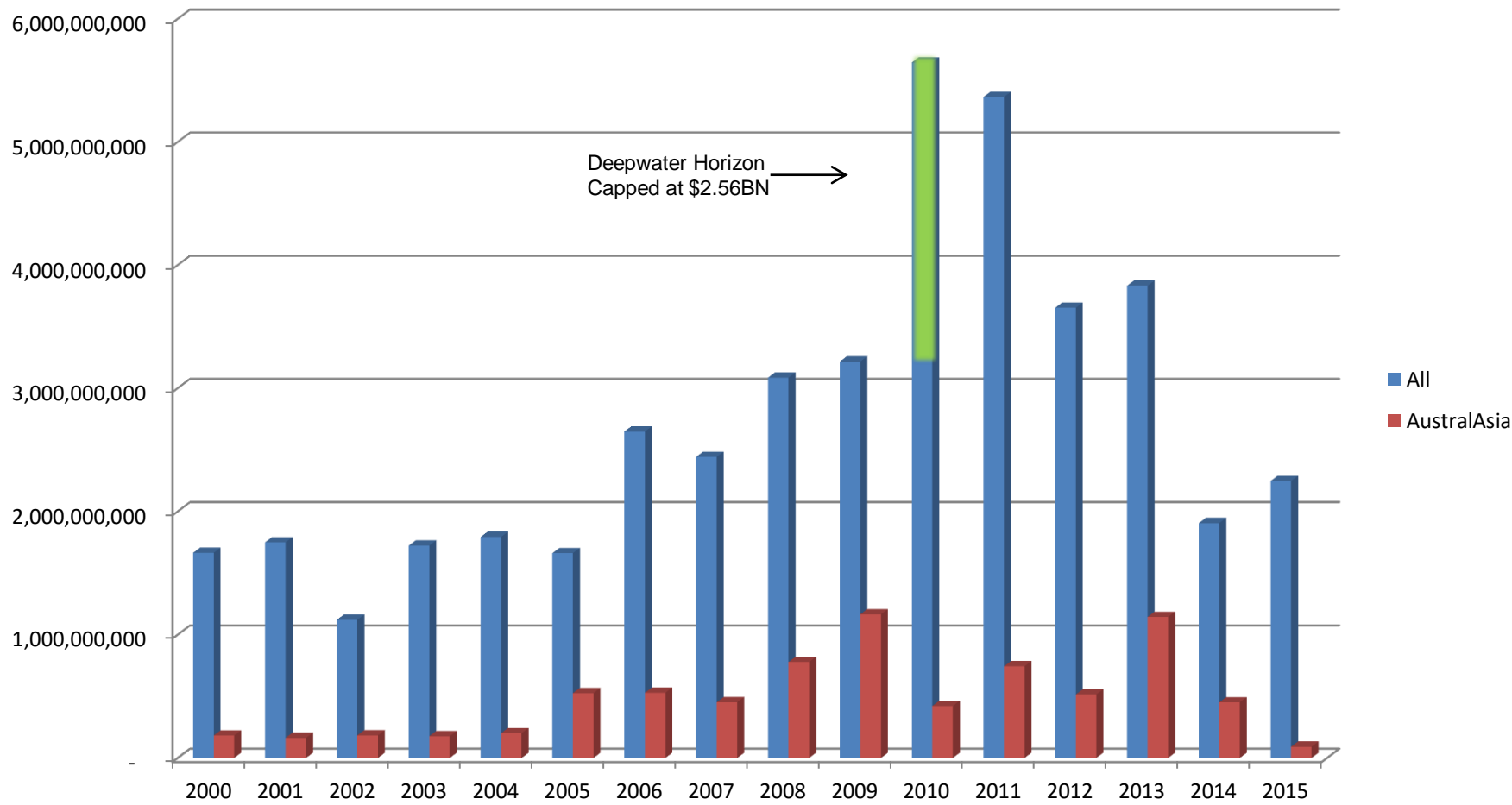


Upstream Losses – 2000 to date excluding windstorm



Upstream Losses – 2000 to date excluding windstorm

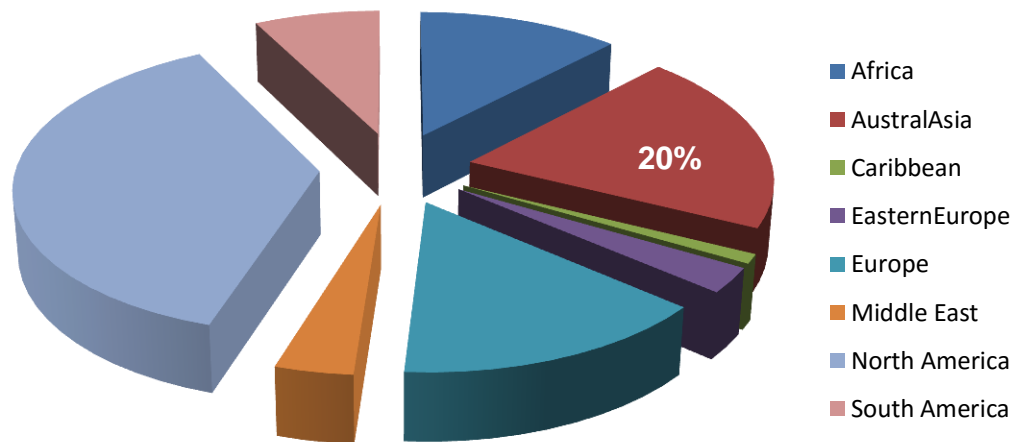
Total Actual US\$



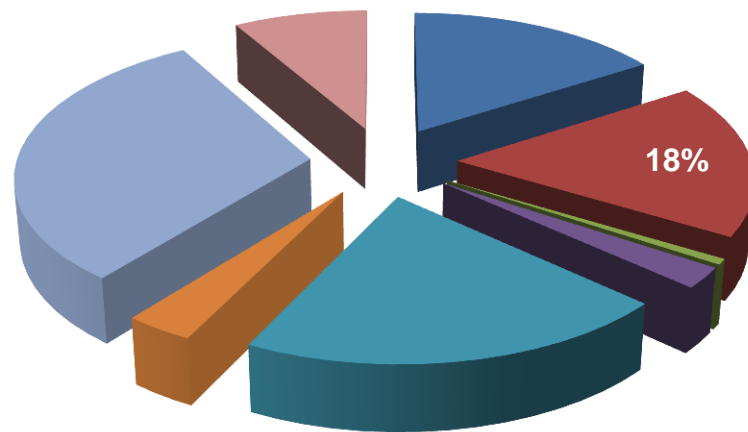
Upstream Losses – 2000 to date excluding windstorm

AREAS OF THE WORLD

By Number of Incidents



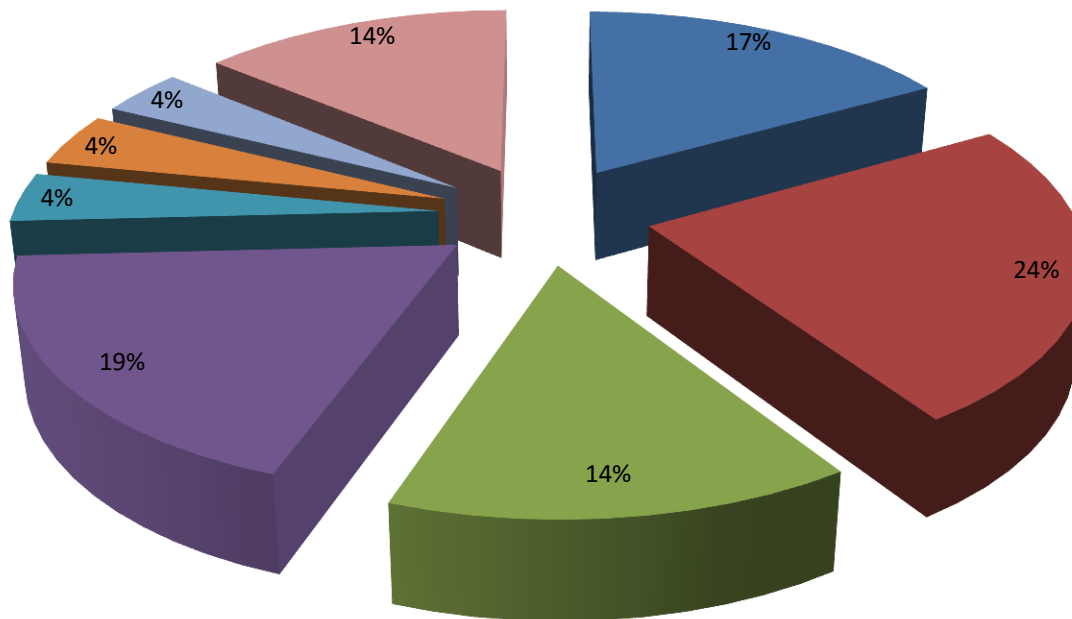
By Value US\$



MAIN CATEGORIES

Incidents

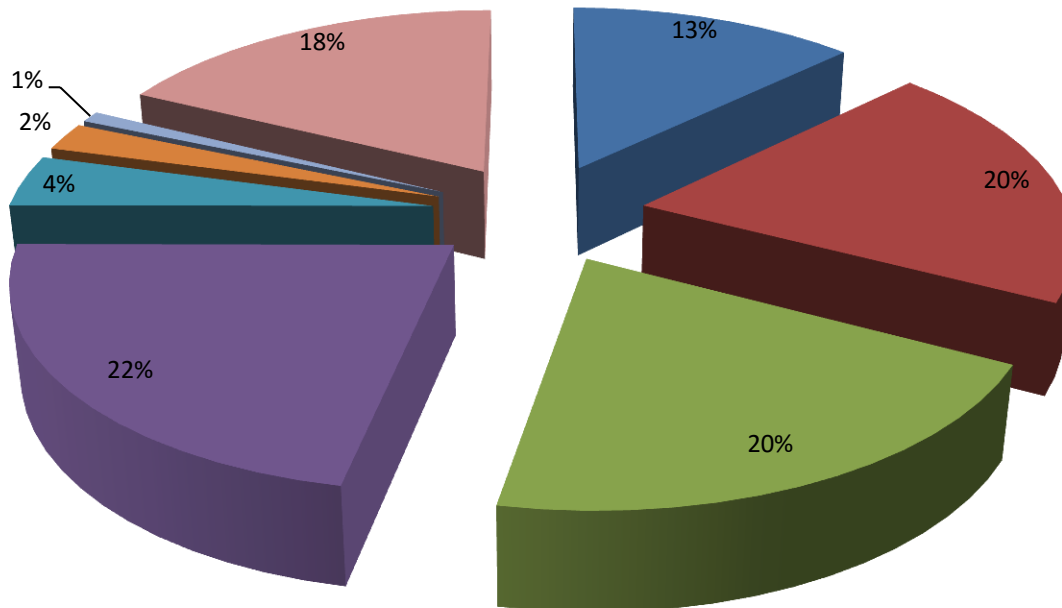
■ MOPU ■ Pipeline ■ Platform ■ Rig ■ SBMetc. ■ SCS ■ Vessel ■ Well



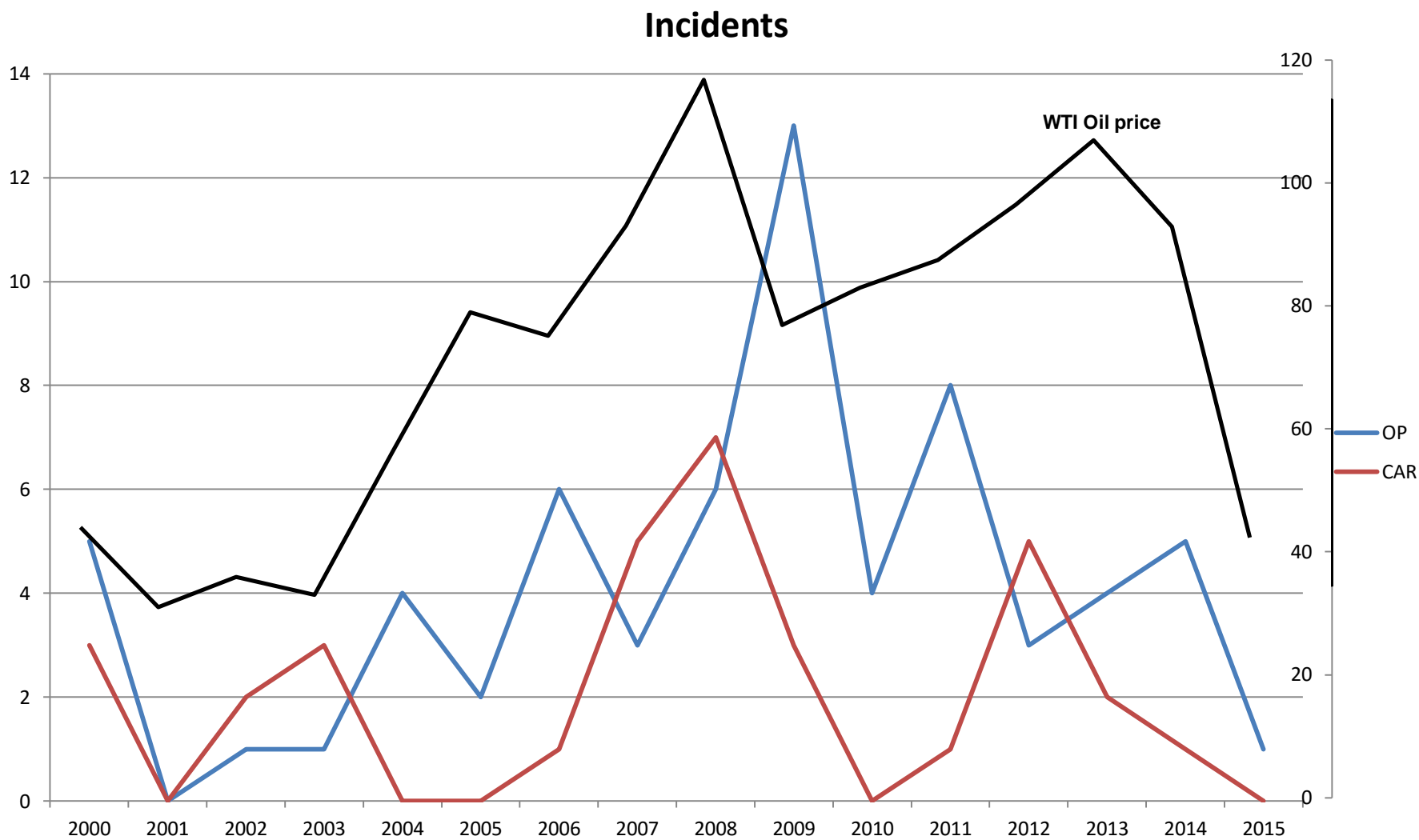
MAIN CATEGORIES

Total Actual US\$

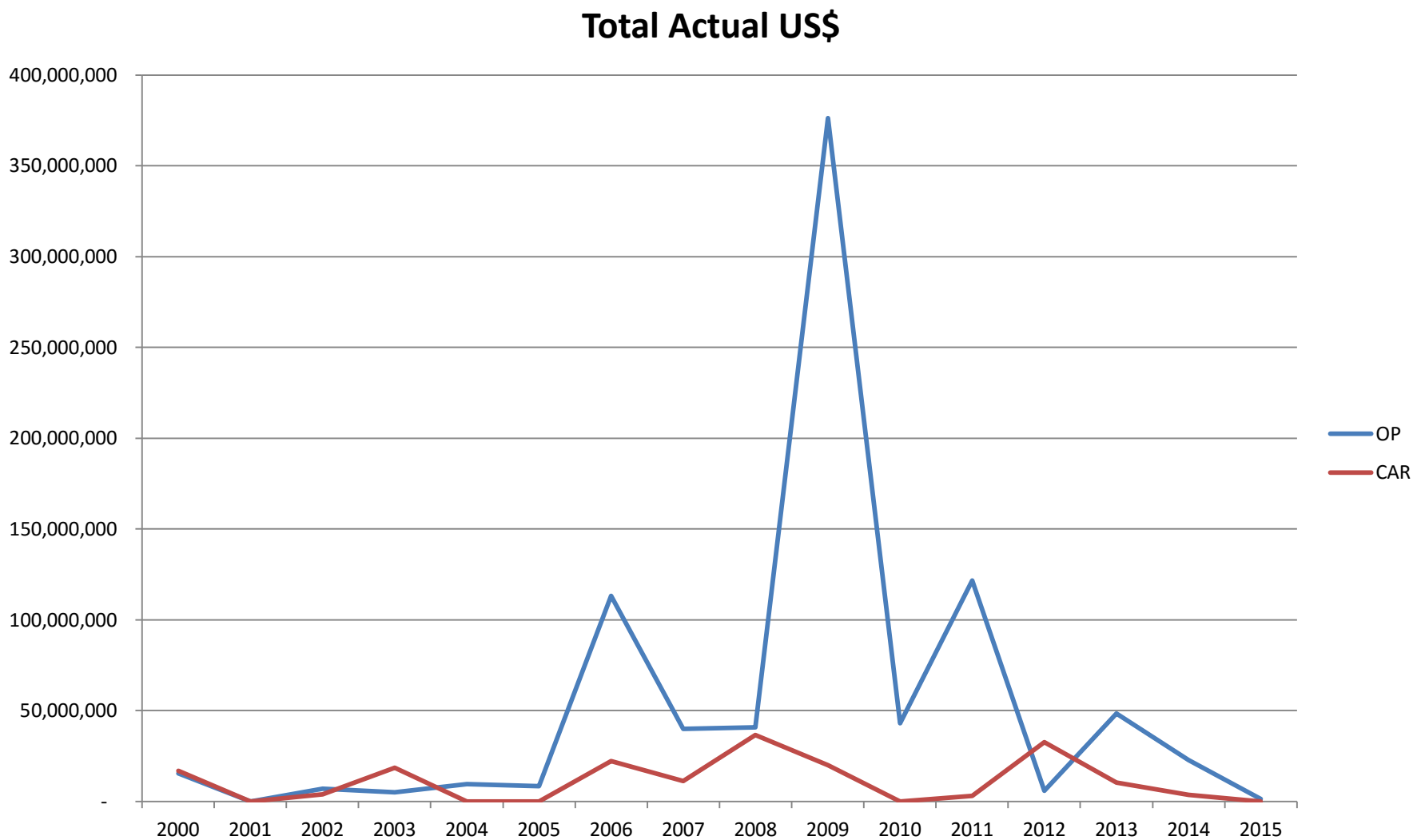
■ MOPU ■ Pipeline ■ Platform ■ Rig ■ SBMetc. ■ SCS ■ Vessel ■ Well



MOPU Losses – 2000 to date AustralAsia only

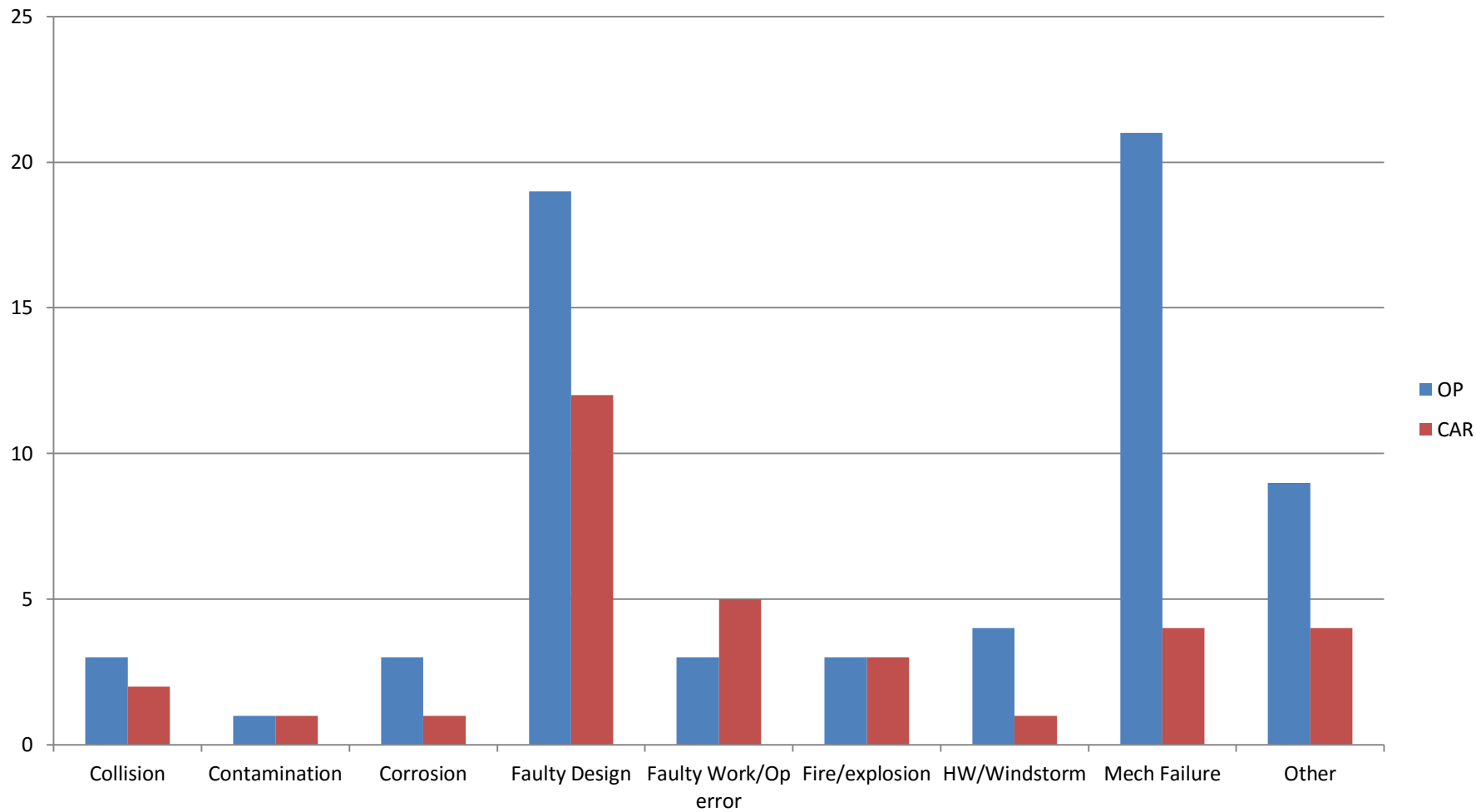


MOPU Losses – 2000 to date AustralAsia only



MOPU Losses – 2000 to date AustralAsia only

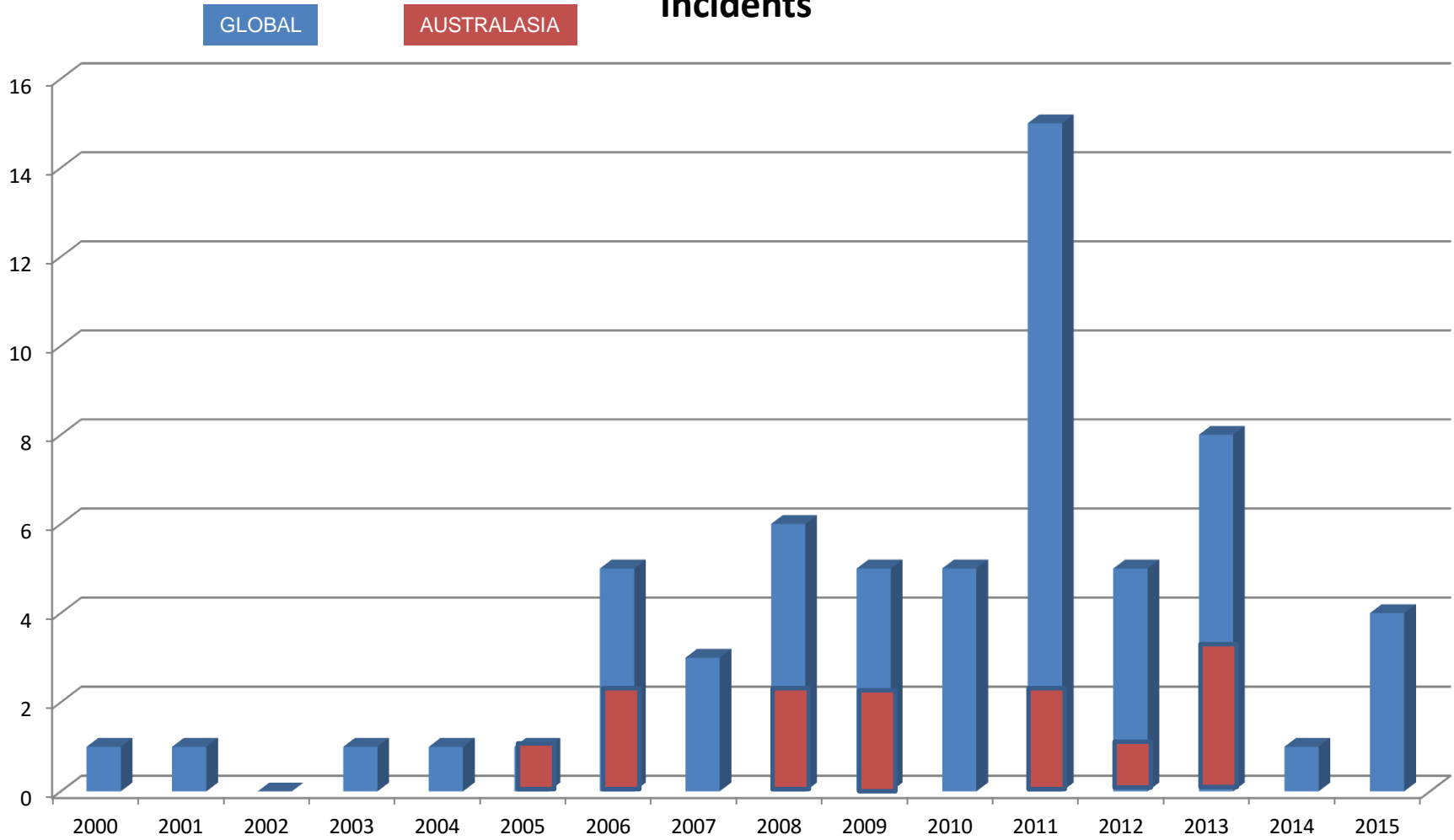
Cause - Incidents



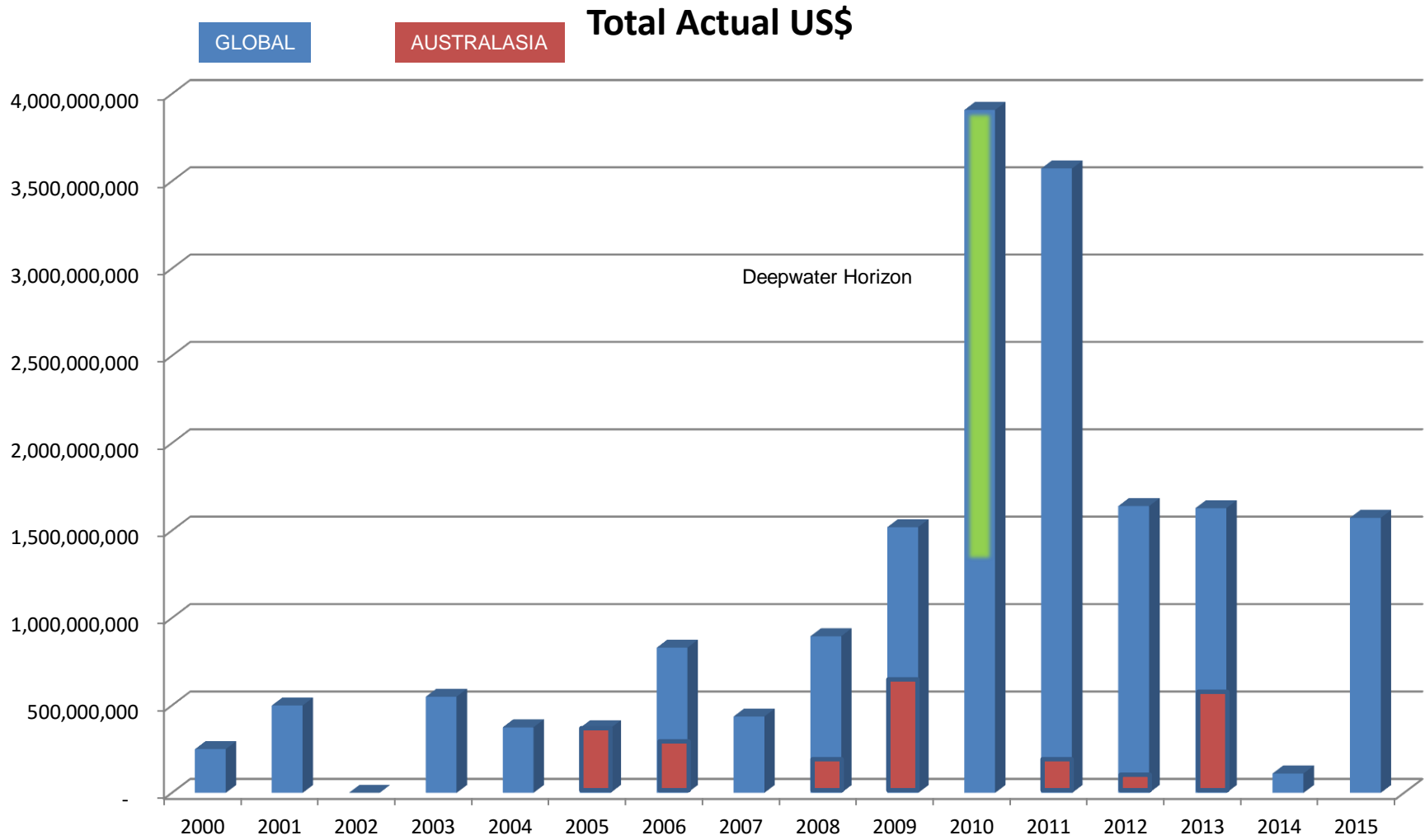
The following information is for upstream losses excess of US\$ 100,000,000 from ground-up excluding windstorm

Upstream Losses XS \$100M – 2000 to date excluding windstorm

Incidents








Upstream Losses XS \$100M – 2000 to date excluding windstorm



Upstream Losses XS \$100M – 2000 to date including windstorm – AustralAsia only

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Year	Type	Sub Category	Cause	Land / Offshore	OP / CAR	Location	Country	Total Actual US\$
2009	Rig	Jackup	Blowout	Offshore	OP	Timor Sea	Australia	425,000,000
2005	Platform		Fire + explosion/VCE	Offshore	OP	Bombay	India	370,000,000
2013	Platform		Faulty work/op error	Offshore	CAR	South China Sea	China	237,000,000
2009	MOPU	FPSO	Windstorm	Offshore	OP	South China Sea	China	177,000,000
2012	Well	Well	Blowout	Offshore	OP	Andhra Pradesh	India	150,000,000
2013	Well	Well	Blowout	Offshore	OP	East Kalimantan	Indonesia	140,000,000
2006	Platform		Faulty design	Offshore	CAR	South China Sea	China	122,653,000
2013	Rig	Semisub	Faulty work/op error	Offshore	CAR	Gyeongsangnam-do	South Korea	120,250,000
2006	Rig	Drillship	Heavyweather	Offshore	OP	Bombay	India	120,000,000
2011	Well	Well	Blowout	Offshore	OP	North West Shelf	Australia	119,250,000
2009	MOPU	FPSO	Fire/lightning/explosion	Offshore	OP	North West Shelf	Australia	115,000,000
2008	Pipeline	Pipeline	Unknown	Offshore	OP	South China Sea	China	110,000,000
2011	Platform	Well	Unknown	Offshore	OP	Bohai Bay	China	106,000,000
2008	Pipeline	Pipeline	Unknown	Offshore	OP	Sabah	Malaysia	105,000,000

Year of loss = 2000 - 2015 and Area = Australasia, Far East and Up/Down/Power = Upstream and Total >= 100,000,000

**Excluding Hurricanes Katrina,
Rita, Ike and the Deepwater
Horizon incident,
2011 has been the worst year so
far for upstream losses**

Major Upstream Losses in 2011

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Year	Type	Sub Category	Cause	Land / Offshore	OP / CAR	Location	Country	Total Actual US\$
2011	MOPU	FPSO	Heavyweather	Offshore	OP	North Sea	UK	1,034,000,000
2011	MOPU	FPSO	Heavyweather	Offshore	OP	North Sea	UK	420,000,000
2011	Rig	Semisub	Capsize	Offshore	OP	Bay of Campeche	Mexico	230,000,000
2011	SSCS	Well	Unknown	Offshore	CAR	Rivers State	Nigeria	230,000,000
2011	Well	Semisub	Faulty work/op error	Offshore	OP	Campos Basin	Brazil	216,000,000
2011	MOPU	FPSO	Faulty design	Offshore	OP	Campos Basin	Brazil	200,000,000
2011	Well	Well	Blowout	Offshore	OP	Mediterranean	Israel	200,000,000
2011	Rig	Drillship	Collision	Offshore	OP	Gulf of Paria	Venezuela	196,450,000
2011	MOPU	FPSO	Mechanicalfailure	Offshore	CAR	GOM - WR	USA	150,000,000
2011	MOPU	FPSO	Corrosion	Offshore	CAR	Rivers State	Nigeria	120,000,000
2011	Well	Well	Blowout	Offshore	OP	North West Shelf	Australia	119,250,000
2011	Well	Well	Faulty design	Offshore	OP	North Sea	Norway	115,000,000
2011	Well	Well	Subsidence/landslide	Offshore	OP	Mediterranean	Israel	115,000,000
2011	Platform	Well	Unknown	Offshore	OP	Bohai Bay	China	106,000,000
2011	Rig	Jackup	Heavyweather	Offshore	OP	Sea of Okhotsk	Russia	100,000,000

Year of loss = 2011 and Up/Down/Power = Upstream and Total >= 100,000,000

2011 was also the worst year on record for downstream losses and worldwide (non-energy) insured natural catastrophe losses

MAJOR 2011 NATURAL CATASTROPHES



Thank you for your attention
and enjoy the conference