



European Defence Agency

# Additional Defence Data Statistics - 2010

All EU Member States except Denmark participate in EDA

Brussels, 16/12/2011  
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# Macro-Economic Data: all EDA participating Member States

<b>Defence Expenditure</b>	2006	2007	2008	2009	2010	2009-2010 % change
Total	<b>€201</b> billion	<b>€204</b> billion	<b>€201</b> billion	<b>€194</b> billion	<b>€194</b> billion	<b>-0,2%</b>
As % of GDP	<b>1,78%</b>	<b>1,69%</b>	<b>1,64%</b>	<b>1,67%</b>	<b>1,61%</b>	<b>-4,1%</b>
As % of total Government Expenditure	<b>3,8%</b>	<b>3,7%</b>	<b>3,5%</b>	<b>3,3%</b>	<b>3,2%</b>	<b>-3,3%</b>
Per Capita	<b>€412</b>	<b>€417</b>	<b>€409</b>	<b>€392</b>	<b>€390</b>	<b>-0,4%</b>

For ease of reading, part of the figures in this presentation were rounded up to millions or billions of Euros. To guarantee accuracy, percentages were calculated using the complete figures. This means that the percentage values can be slightly different than the ones you would obtain using the rounded up monetary figures presented.

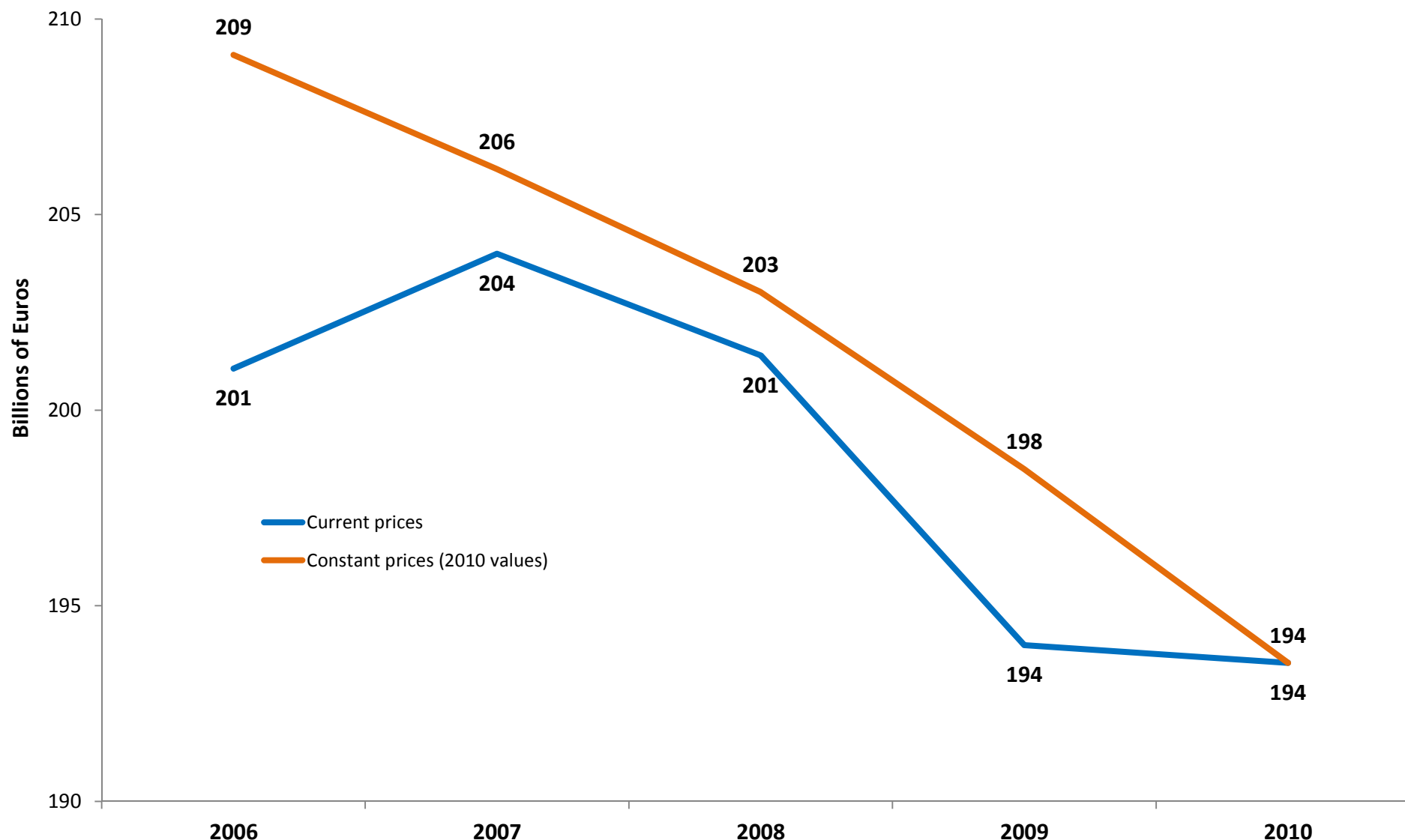
**Macroeconomic Data:** GDP, General Government Expenditure and Population are based on data from the European Commission.

**Total defence expenditure** is defined as total Ministry of Defence expenditure and defence related expenditure from other sources (other Ministries special budgetary lines).



# Macro-Economic Data: all EDA participating Member States

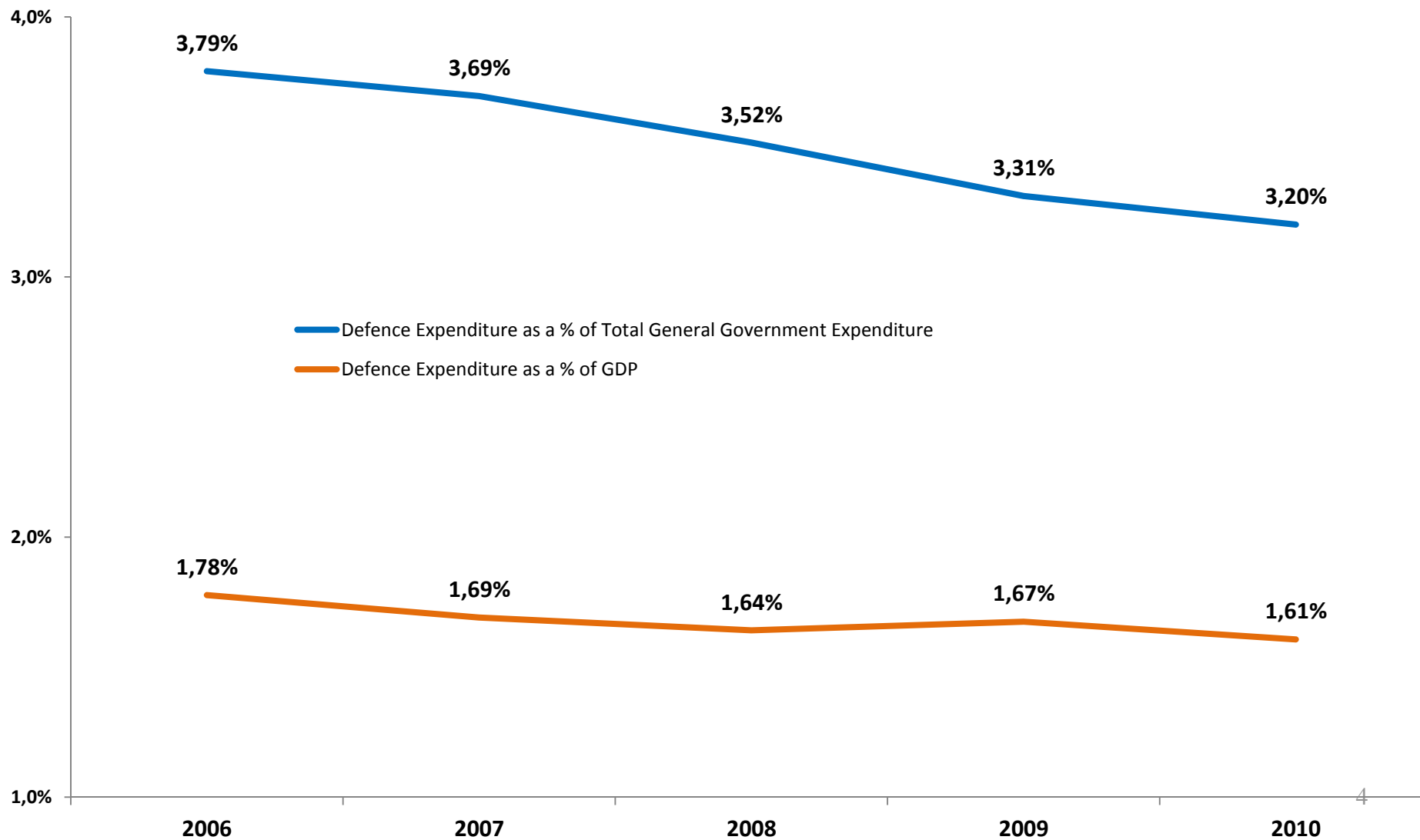
## Defence Expenditure: Constant and Current prices



In order to measure real growth and ensure a 'real' comparison between years, inflation needs to be taken into account for. Thus, data from 2006 to 2009 has been inflated to 2010 economic conditions so that the real growth can be arrived at (Source of deflators: European Commission ECFIN – based on weight of EU 27). <sup>3</sup>

# Macro-Economic Data: all EDA participating Member States

## Defence Expenditure as a percentage of GDP and as a percentage of total Government Expenditure





## Defence Expenditure Breakdown: all EDA participating Member States

<b>Defence Expenditure Breakdown</b>	2006	2007	2008	2009	2010	2009-2010 % change
Personnel Costs	€110 billion	€106 billion	€107 billion	€98 billion	€99 billion	0,3%
Investment Equipment Procurement and R&D	€38,8 billion	€41,8 billion	€41,9 billion	€40,9 billion	€42,9 billion	4,8%
Operation and Maintenance	€43,3 billion	€47,0 billion	€43,3 billion	€44,2 billion	€44,1 billion	-0,1%
Other Includes Infrastructure	€8,9 billion	€9,2 billion	€8,9 billion	€10,5 billion	€7,9 billion	-24,8%

**Personnel:** Pay and allowances paid to military personnel and civilian personnel. Pensions – only if paid directly by the government (MoD or other State-owned institution) to retired military personnel and retired civilian employees.

**Operations and Maintenance:** expenditure covering supplies of ammunition and explosives, petroleum products, spare parts for O&M of major equipment, other equipment and supplies (to military personnel or units, excluding major equipment), rents for real estate as well as expenditure for utilities, maintenance of infrastructure and other general administrative expenses.



## Defence Expenditure Breakdown: all EDA participating Member States

<b>Overall Capital Investment Breakdown</b>	2006	2007	2008	2009	2010	2009-2010 % change
Infrastructure	€5,6 billion	€6,2 billion	€5,8 billion	€5,4 billion	€5,4 billion	0,7%
Equipment Procurement	€29,1 billion	€32,3 billion	€33,3 billion	€32,5 billion	€34,3 billion	5,5%
R&D	€9,7 billion	€9,6 billion	€8,6 billion	€8,4 billion	€8,6 billion	1,9%
R&T (Subset of R&D)	€2,7 billion	€2,5 billion	€2,5 billion	€2,3 billion	€2,1 billion	-8,0%

**Infrastructure:** construction of fixed military installations, including country's share in multinationally funded military construction/infrastructure.

**Equipment Procurement** expenditure includes expenditure for all major equipment categories (missile systems, missiles, aircrafts, artillery, combat vehicles, engineering equipment, weapons and small arms, transport vehicles, ships and harbour craft, electronic and communications equipment, etc.), that are not included in O&M spending.

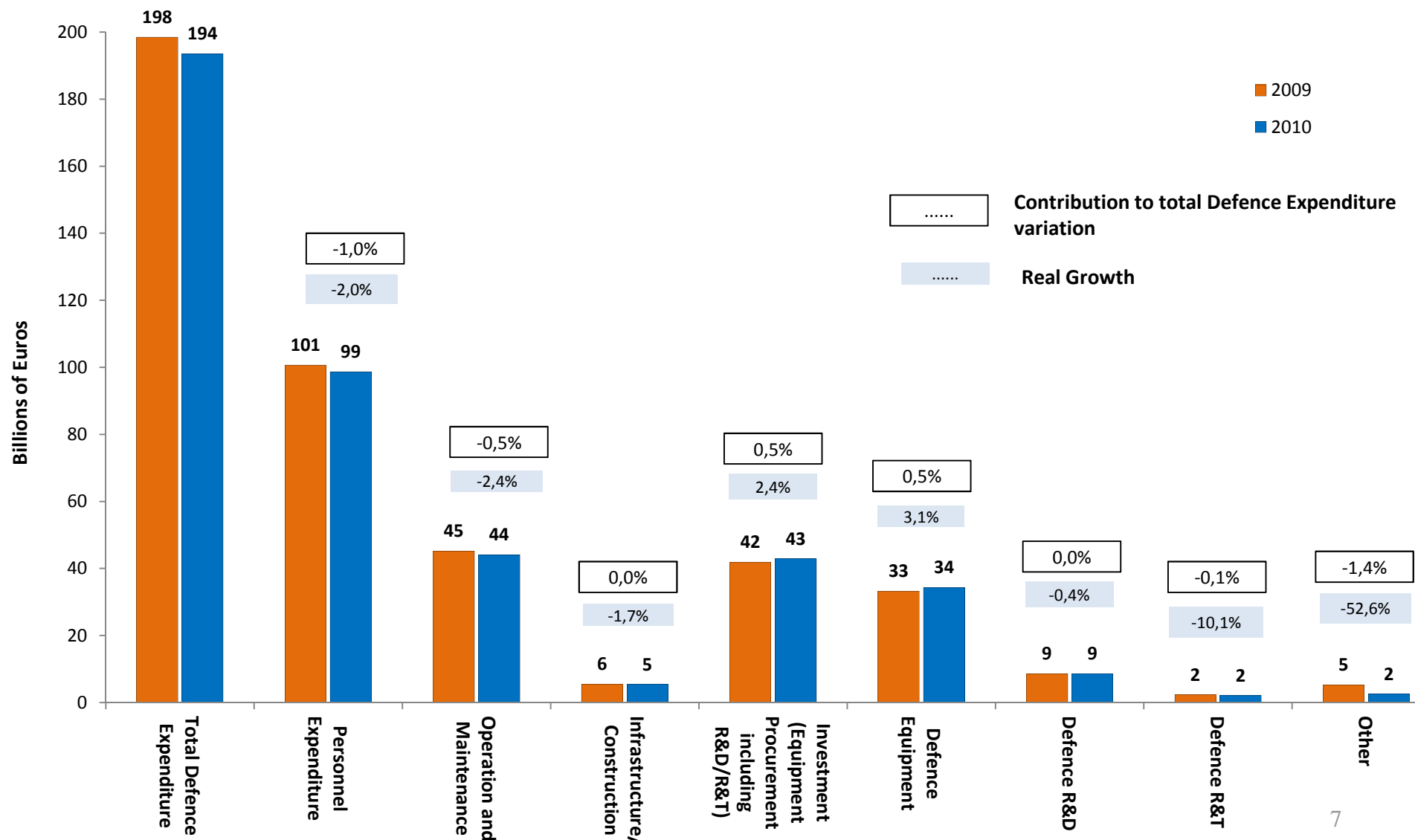
**R&D:** Any R&D programmes up to the point where expenditure for production of equipment starts to be incurred.

**R&T:** Subset of R&D – expenditure for basic research, applied research and technology demonstration for defence purposes



# Defence Expenditure Breakdown: all EDA participating Member States

## Real Defence Expenditure variation: 2009 - 2010



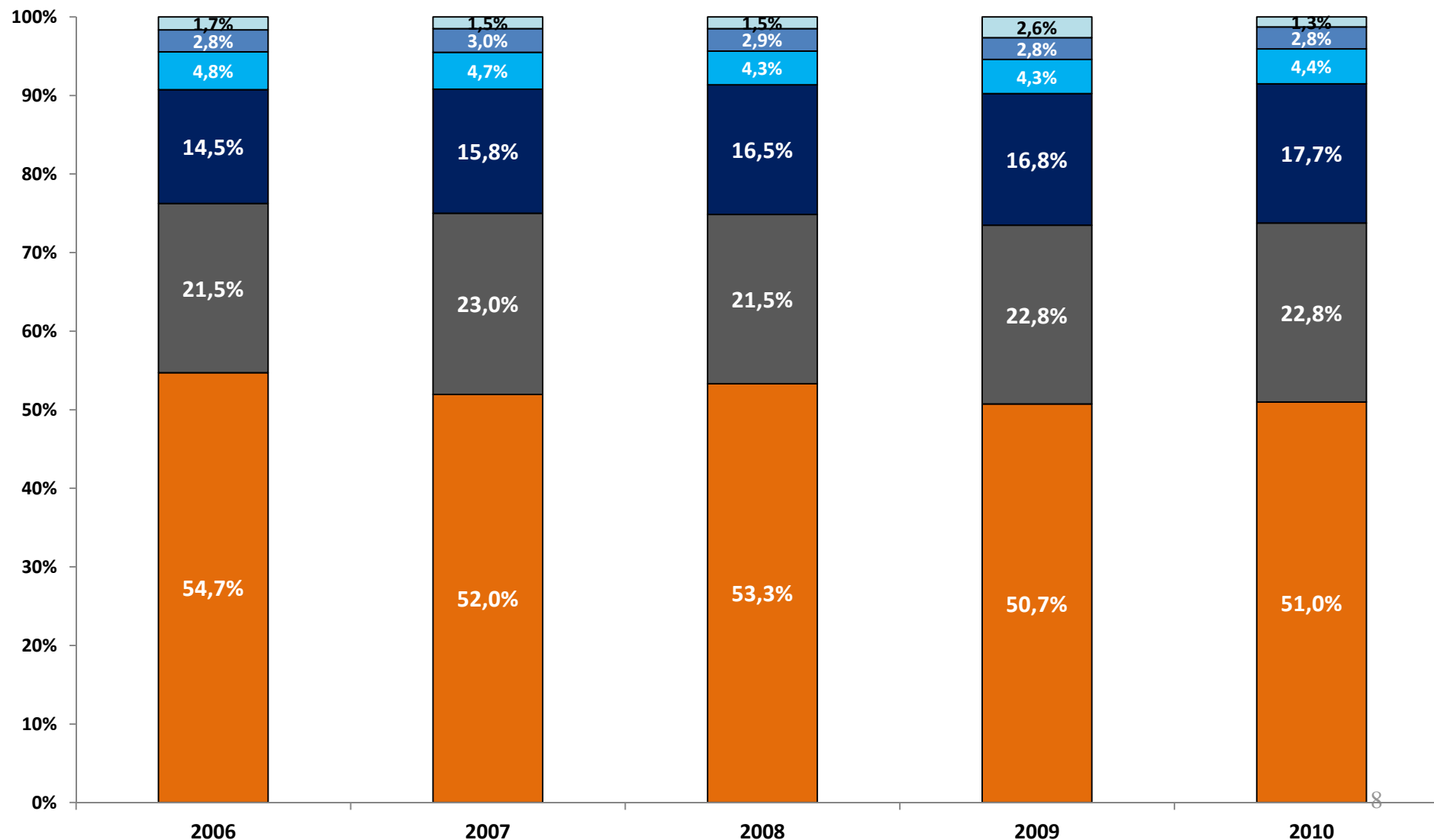
2009 has been inflated to 2010 economic conditions



# Defence Expenditure Breakdown: all EDA participating Member States

## Defence Expenditure Breakdown

Personnel Expenditure   Operation and Maintenance   Defence Equipment   Defence R&D   Infrastructure/Construction   Other

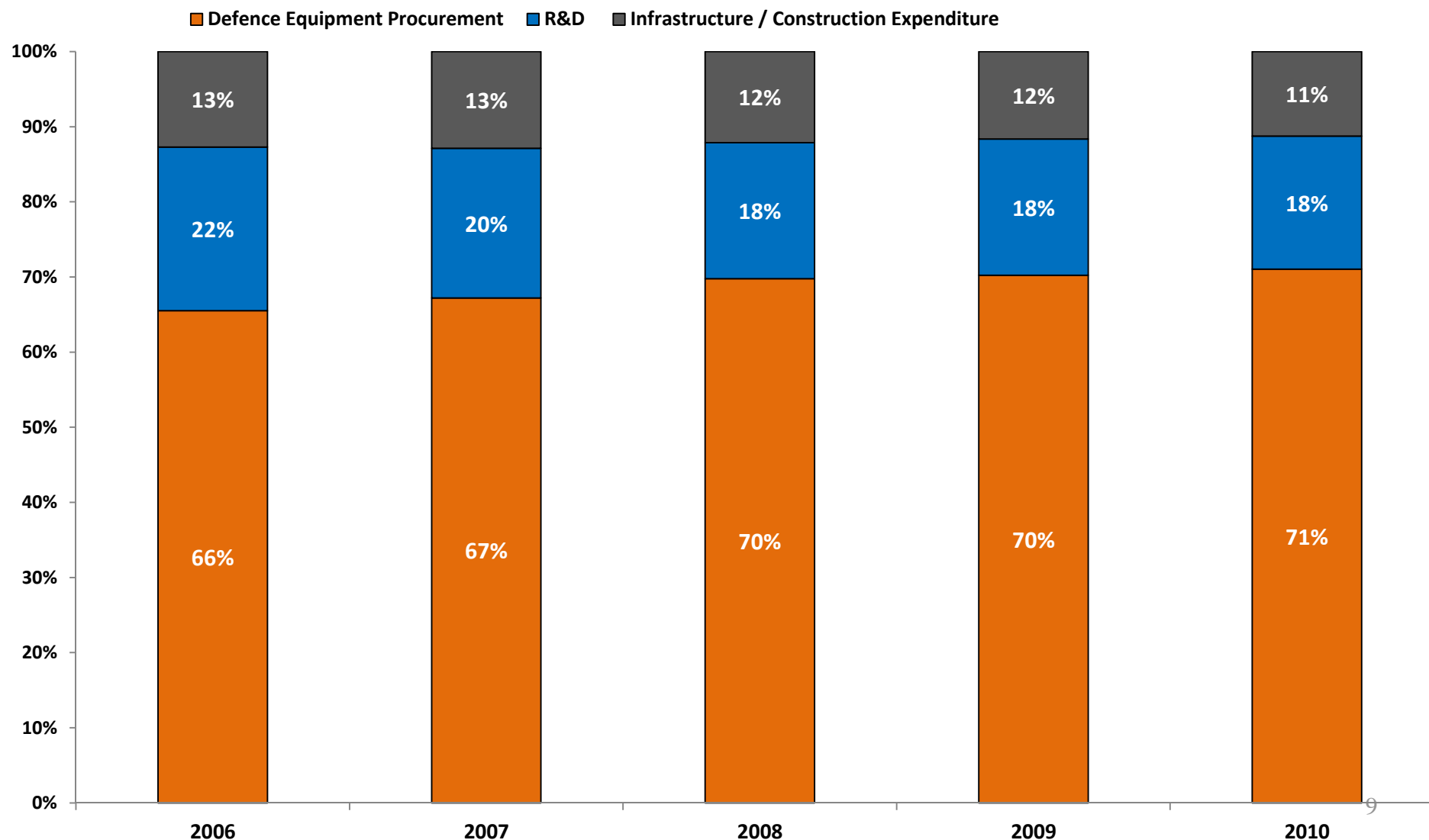






# Defence Expenditure Breakdown: all EDA participating Member States

## Overall Capital Investment Breakdown





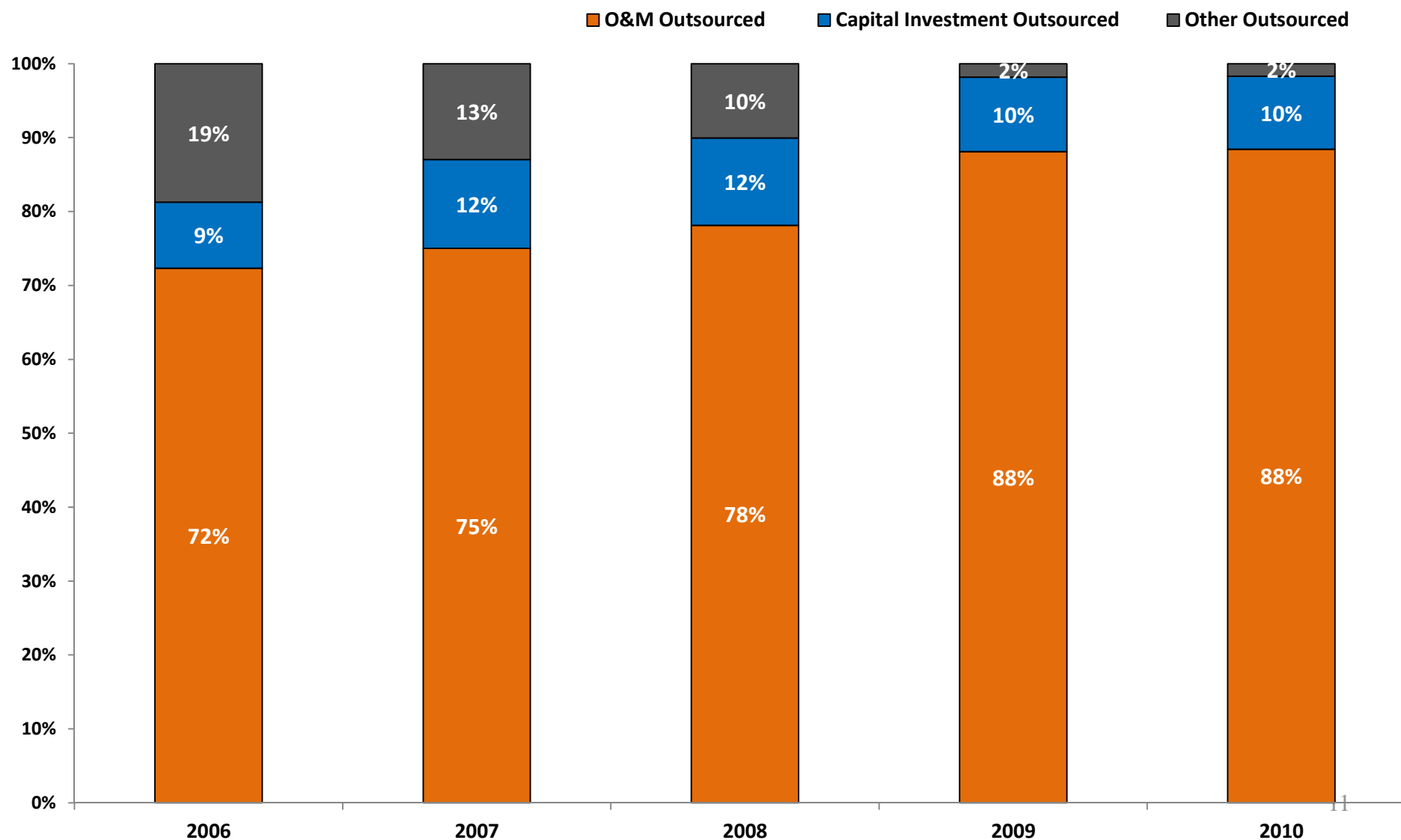
## Defence Expenditure Breakdown: all EDA participating Member States

<b>Outsourcing and Operation Costs</b>	2006	2007	2008	2009	2010	2009-2010 % change
Outsourcing	€14,1 billion	€14,4 billion	€12,0 billion	€14,1 billion	€15,4 billion	9,2%
O&M Outsourced	€10,2 billion	€10,8 billion	€9,4 billion	€12,4 billion	€13,6 billion	9,6%
Capital Investment Outsourced	€1,3 billion	€1,7 billion	€1,3 billion	€1,4 billion	€1,5 billion	7,2%
Operation Costs	€6,6 billion	€8,6 billion	€9,7 billion	€9,8 billion	€10,4 billion	6,1%



# Defence Expenditure Breakdown: all EDA participating Member States

## Outsourcing Breakdown





## Collaboration: all EDA participating Member States

<b>Collaborative Defence Equipment Procurement</b>	2006	2007	2008	2009	2010	2009-2010 % change
Total	€ 663 million	€ 846 million	€ 8072 million	€ 8233 million	€ 8016 million	-2,6%
European	€ 078 million	€ 107 million	€ 7068 million	€ 7144 million	€ 7536 million	5,5%
European out of total Procurement	20,9%	18,9%	21,2%	22,0%	22,0%	0,0%
European out of total Collaborative Procurement	91%	89%	88%	87%	94%	8,4%

**Collaboration:** Agreement by at least two Ministries of Defence for project or programme contracts.

**European Collaboration:** Subset of Collaboration; agreement by at least two EU Member States Ministries of Defence for project or programme contracts. Possible non EU partners share in such contracts is lower than 50%.

## Collaboration: all EDA participating Member States



European Defence Agency

<b>Collaborative Defence R&amp;T expenditure</b>	2006	2007	2008	2009	2010	2009-2010 % change
Total	<b>€385</b> million	<b>€377</b> million	<b>€452</b> million	<b>€322</b> million	<b>€264</b> million	<b>-18,1%</b>
European	<b>€254</b> million	<b>€332</b> million	<b>€412</b> million	<b>€290</b> million	<b>€246</b> million	<b>-15,3%</b>
European out of total R&T expenditure	<b>9,6%</b>	<b>13,1%</b>	<b>16,6%</b>	<b>12,8%</b>	<b>11,8%</b>	<b>-7,9%</b>
European out of total Collaborative R&T	<b>66%</b>	<b>88%</b>	<b>91%</b>	<b>90%</b>	<b>93%</b>	<b>3,5%</b>



## Defence Expenditure Breakdown: all EDA participating Member States

<b>Personnel</b>	2006	2007	2008	2009	2010	2009-2010 % change
Military	<b>1 940 112</b>	<b>1 836 882</b>	<b>1 800 707</b>	<b>1 668 537</b>	<b>1 620 188</b>	<b>-2,9%</b>
Civilian	<b>484 827</b>	<b>457 392</b>	<b>433 780</b>	<b>426 335</b>	<b>389 719</b>	<b>-8,6%</b>
Defence Spend per Soldier	<b>€103 602</b>	<b>€111 117</b>	<b>€111 845</b>	<b>€116 264</b>	<b>€119 455</b>	<b>2,7%</b>
Investment (Equipment Procurement and R&D) per Soldier	<b>€20 002</b>	<b>€22 795</b>	<b>€23 274</b>	<b>€24 522</b>	<b>€26 458</b>	<b>7,9%</b>

**Military Personnel:** Authorised strengths of all active military personnel; includes non-MOD personnel in uniform who can operate under military command and can be deployed outside national territory.

# Deployability: all EDA participating Member States



<b>Number of Forces</b>	2006	2007	2008	2009	2010	2009-2010 % change
Average number of troops deployed	<b>83 300</b>	<b>77 900</b>	<b>80 177</b>	<b>67 767</b>	<b>66 313</b>	<b>-2,1%</b>
Deployable (Land) Forces	<b>426 700</b>	<b>444 700</b>	<b>464 574</b>	<b>443 108</b>	<b>450 117</b>	<b>1,6%</b>
Sustainable (Land) Forces	<b>100 900</b>	<b>110 482</b>	<b>125 237</b>	<b>106 754</b>	<b>106 402</b>	<b>-0,3%</b>
Average number of troops deployed out of Military Personnel	<b>5,0%</b>	<b>4,3%</b>	<b>4,5%</b>	<b>4,1%</b>	<b>4,1%</b>	<b>0,8%</b>

**Average number of troops deployed** = Average number of troops deployed throughout the year by all 26 EDA Participating Member States (All forces)

**Deployable (Land) Forces** = (Land) Forces troops prepared for deployed operations (the NATO 50% target).

**Sustainable (Land) Forces** = (Land) Forces troops undertaking or planned for sustained operations (the NATO 10% target).

# Deployability: all EDA participating Member States



## Deployability Breakdown

