



**COCIR**

**SUSTAINABLE COMPETENCE IN ADVANCING HEALTHCARE**

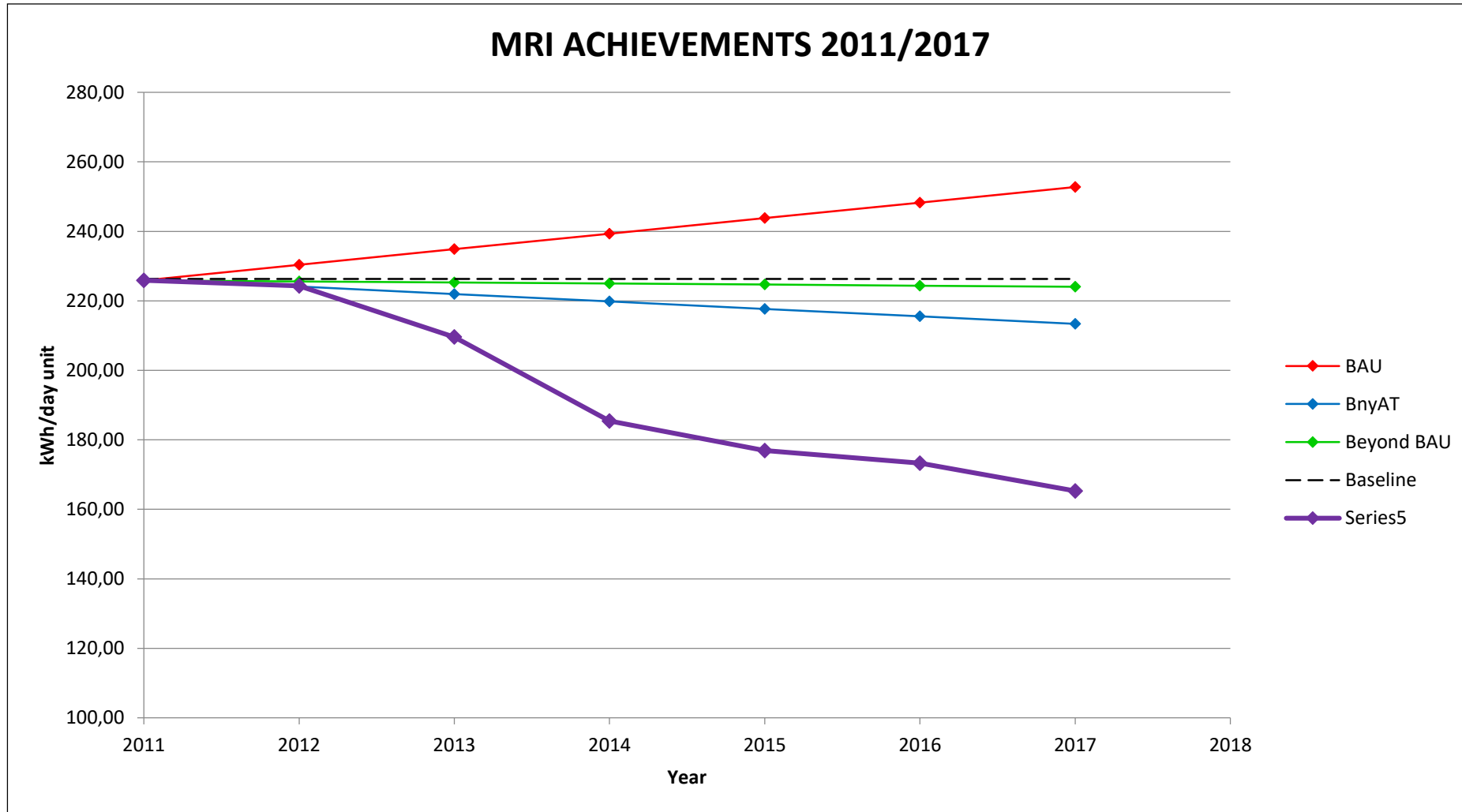
European Coordination Committee of the Radiological, Electromedical and Healthcare IT Industry

**COCIR 7th ANNUAL FORUM  
ON THE SELF-REGULATORY INITIATIVE FOR  
MEDICAL IMAGING DEVICES**

*- 22 March 2018 -*

**MRI ACHIEVEMENTS 2017**

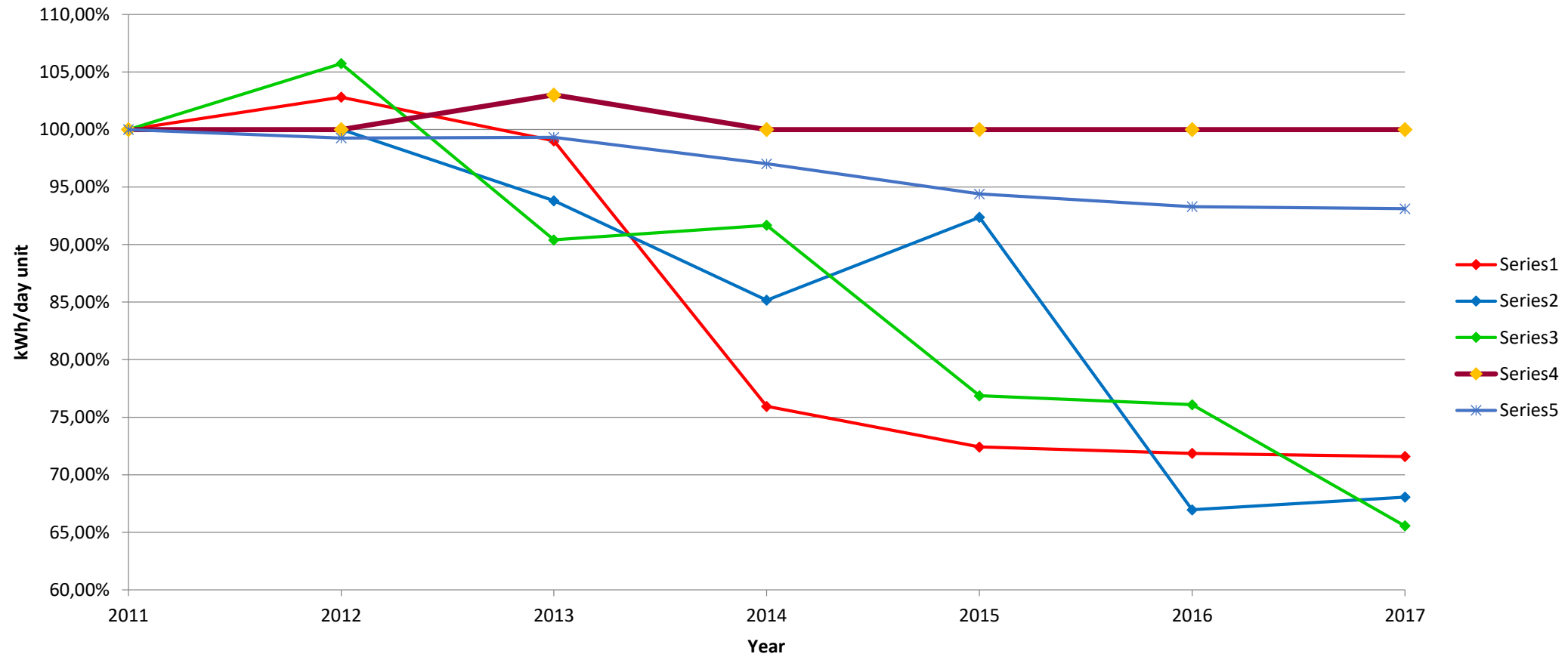
# MRI ACHIEVEMENTS 2017



# DATA ANALYSIS



## MRI development per Company





# CALCULATING SAVED ENERGY

- In the current SRI Report we estimated the energy savings achieved by the SRI by comparing the BAU scenario and the Beyond BAU. Those scenarios were calculated in 2010 on the basis of many assumptions.
  - ✓ *The reduction compared with the BAU baseline implies that the SRI will save in 2017 around 7459 kWh per unit sold according to the Beyond BAU scenario, equivalent to more than 2,6 tons of CO<sub>2</sub> per year per unit.*
    - ✓ *Assuming 5 days per week, 52 weeks per year*
    - ✓ *Conversion factor gCO<sub>2</sub>/kWh = 350. Average value for Europe 28 in 2012. Source: CO<sub>2</sub> Emissions from Fuel Combustion (2014 Edition), IEA, Paris.*
- Now, after 7 years we can use real data to calculate the energy savings compared to 2010.

# CALCULATING SAVED ENERGY

TOTAL YAERLY ENERGY SAVINGS						
UNITS		BAU kWh/d	kWh/u	SRI kWh/d	kWh/u	kWh/y tot
462,0	2010	104.296	225,75	104.296	225,75	0
394,0	2011	89.010	225,75	89.010	225,91	0
446,0	2012	100.684	225,75	100.036	224,30	1.011.443
454,0	2013	102.490	225,75	95.147	209,57	9.547.133
513,0	2014	115.810	225,75	95.126	185,43	21.511.471
604,0	2015	136.353	225,75	106.855	176,91	23.008.331
680,0	2016	153.510	225,75	117.808	173,25	18.555.803
630,0	2017	142.222	225,75	104.120	165,27	9.906.572
	2018					<b>73.634.181</b>

The SRI allowed between 2010 and 2017 the saving of **74 GWh**, equivalent to **27.672 tons of CO2** (*a small town of 18.000 households*)