

Financial Overview WPTE, WPPrIO, WPSA WPENR

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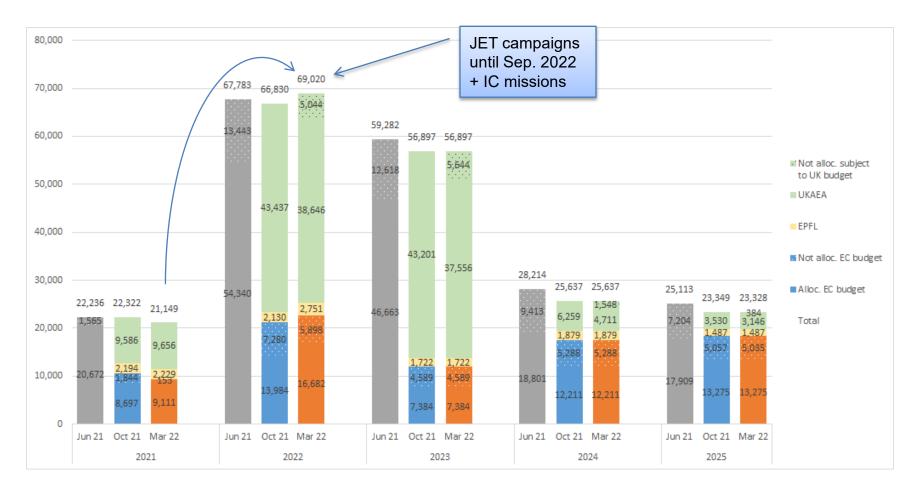
TE Project Board Meeting N03 14th March 2022



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### WPTE budget 2021-2025 over time





k€ Consortium Contribution from IMS as of Mar 3<sup>rd</sup> 2022, vs. Sep 27<sup>th</sup> 2021 and Jun 16<sup>th</sup> 2021

Add-ons = 8.5M€ overbid resources removed in October 2021 after grant budget reduction (proposal for 748M€ vs grant budget 547M€). Shift from 2021 to 2022. JET camp. until Sep. 2022 and IC mission budget added for March 2022.

# WPTE-1 budget: Project Management TFL & PSO resources

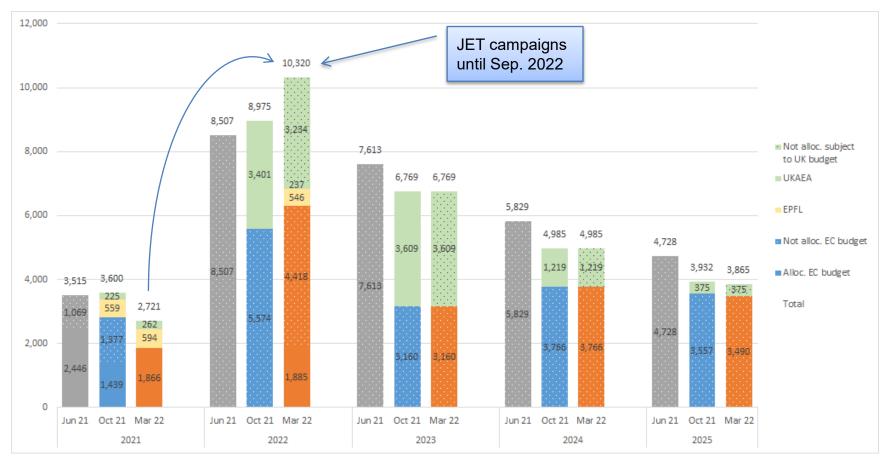




k€ Consortium Contribution from IMS as of Mar 3<sup>rd</sup> 2022, vs. Sep 27<sup>th</sup> 2021 and Jun 16<sup>th</sup> 2021 No major changes, only shifts from 2021 to 2022

# WPTE-2 budget: Experimental Campaigns 🥯

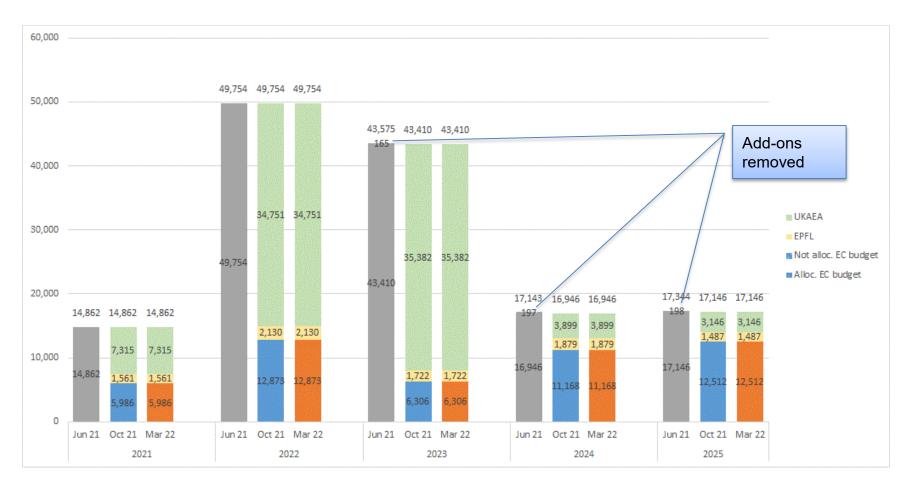




k€ Consortium Contribution from IMS as of Mar 3<sup>rd</sup> 2022, vs. Sep 27<sup>th</sup> 2021 and Jun 16<sup>th</sup> 2021 Add-ons = 3.6M€ overbid resources removed in October 2021. Shift from 2021 to 2022. JET camp. until Sep. 2022 added for March 2022.

### WPTE-3 budget: Machine Operation

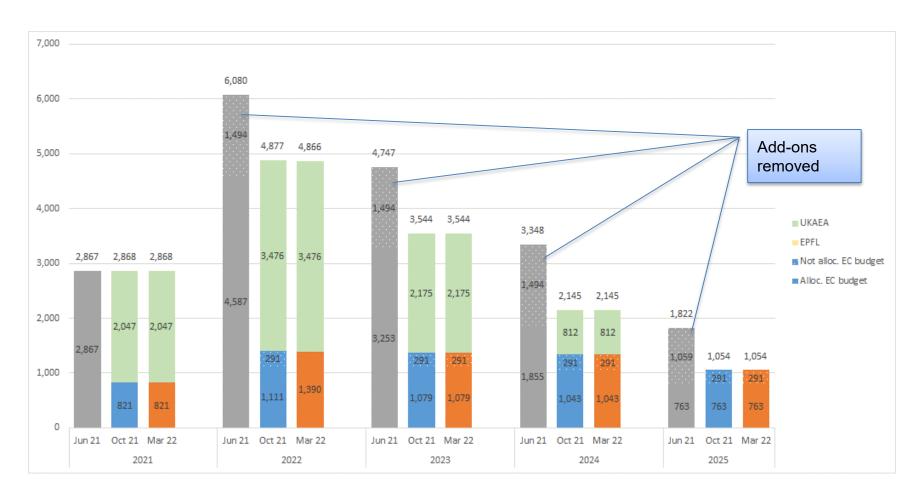




k€ Consortium Contribution from IMS as of Mar 3<sup>rd</sup> 2022, vs. Sep 27<sup>th</sup> 2021 and Jun 16<sup>th</sup> 2021 Add-ons = 0.5M€ overbid resources removed in October 2021.

### **WPTE-4** budget: Enhancements





k€ Consortium Contribution from IMS as of Mar 3<sup>rd</sup> 2022, vs. Sep 27<sup>th</sup> 2021 and Jun 16<sup>th</sup> 2021 Add-ons = 4.4M€ overbid resources removed in October 2021.

# WPTE budget (Level 0) Missions, secondments

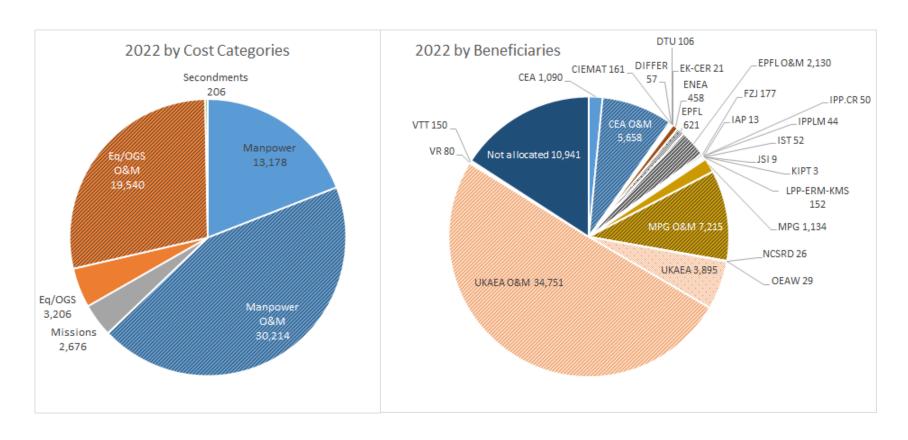




k€ Consortium Contribution from IMS as of Mar 3<sup>rd</sup> 2022, vs. Sep 27<sup>th</sup> 2021 and Jun 16<sup>th</sup> 2021 JET camp. until Sep. 2022 added for March 2022. Unused Secondment budget moved from 2021 to 2025.

### WPTE budget 2022

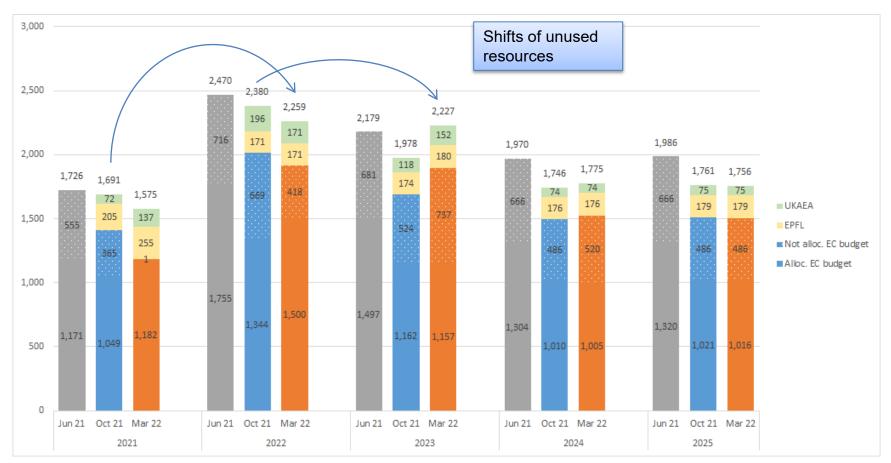




k€ Consortium Contribution from IMS as of Mar 3<sup>rd</sup>, 2022

#### WPPrIO budget 2021-2025 over time

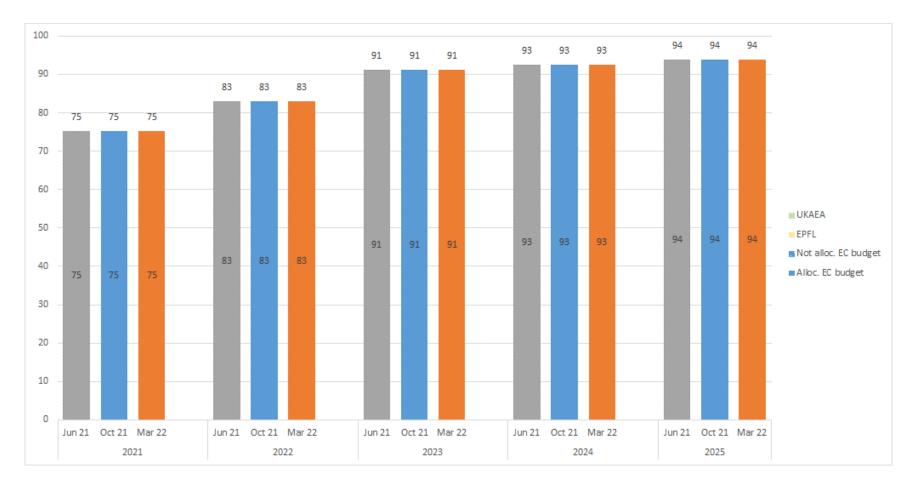




k€ Consortium Contribution from IMS as of Mar 3<sup>rd</sup> 2022, vs. Sep 27<sup>th</sup> 2021 and Jun 16<sup>th</sup> 2021 Shifts of unused resources form 2021 to 2022, in PrIO-5 from 2022 to 2023.

# WPPrIO-1 budget: Project Management TFL & PSO resources





k€ Consortium Contribution from IMS as of Mar 3<sup>rd</sup> 2022, vs. Sep 27<sup>th</sup> 2021 and Jun 16<sup>th</sup> 2021

# WPPrIO-2 budget Preparation of ITER first experimental campaigns





k€ Consortium Contribution from IMS as of Mar 3<sup>rd</sup> 2022, vs. Sep 27<sup>th</sup> 2021 and Jun 16<sup>th</sup> 2021 Increase in 2022 balanced by resource shift from PrIO-3 2021 and from the other years.

# **WPPrIO-3 budget**Plant Systems and Plasma Operations





k€ Consortium Contribution from IMS as of Mar 3<sup>rd</sup> 2022, vs. Sep 27<sup>th</sup> 2021 and Jun 16<sup>th</sup> 2021 2021 unused resources moved to PrIO-2. 2022 + 2023 shifted by one year.

# WPPrIO-4 budget ITER NBTF and R&D for the ITER Neutral Beam

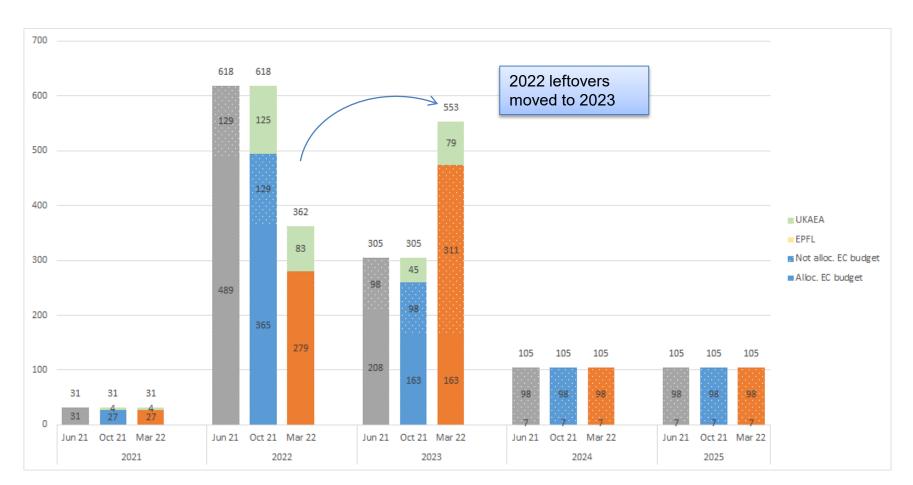




k€ Consortium Contribution from IMS as of Mar 3<sup>rd</sup> 2022, vs. Sep 27<sup>th</sup> 2021 and Jun 16<sup>th</sup> 2021 2022 Secondment budget moved to PSB (Level 0). Unused secondment budget 2021 moved to 2022.

### **WPPrIO-5** budget

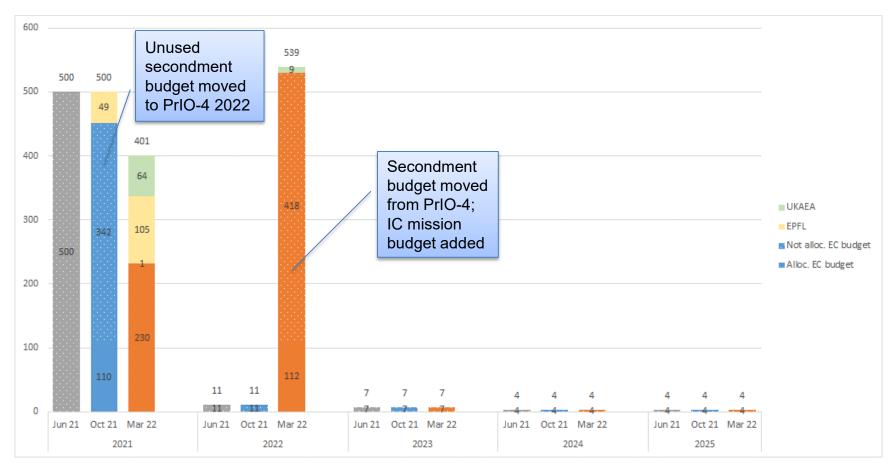
#### Neutronics, Nuclear waste and Safety in support to ITER



k€ Consortium Contribution from IMS as of Mar 3<sup>rd</sup> 2022, vs. Sep 27<sup>th</sup> 2021 and Jun 16<sup>th</sup> 2021 2022 leftovers moved to 2023.

# WPPrIO budget (Level 0) Missions, secondments

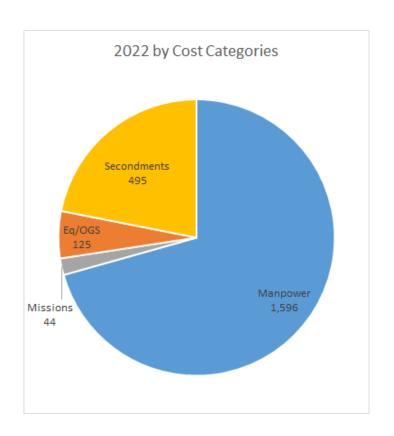


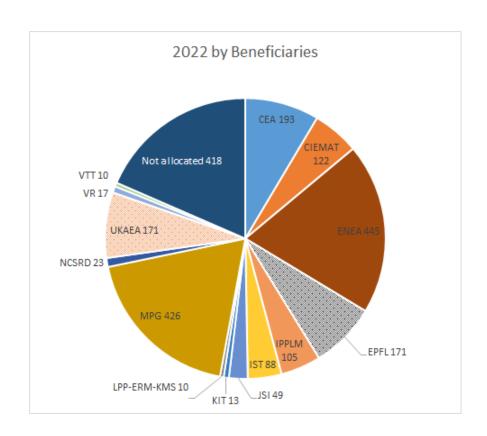


k€ Consortium Contribution from IMS as of Mar 3<sup>rd</sup> 2022, vs. Sep 27<sup>th</sup> 2021 and Jun 16<sup>th</sup> 2021 Unused secondment cost 2021 converted to pm for PrIO-4. 2022 secondment budget moved from Level 0. IC mission budget added.

# WPPrIO budget 2022



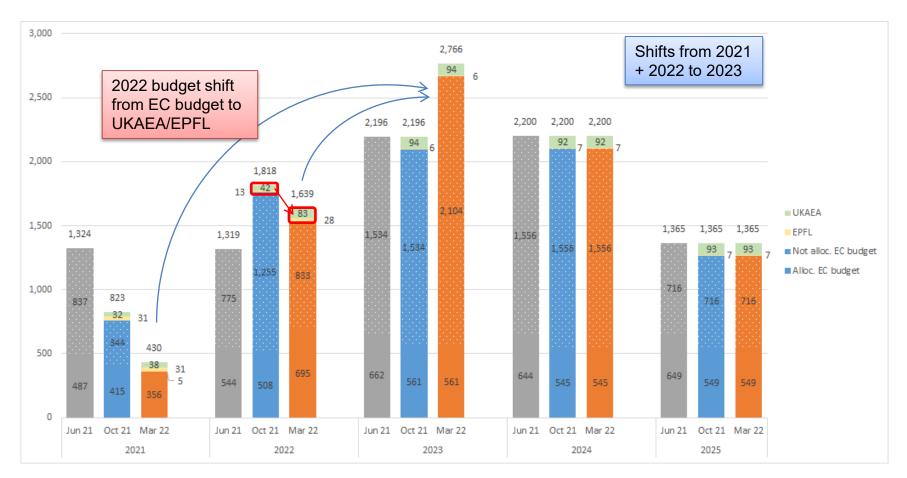




k€ Consortium Contribution from IMS as of Mar 3<sup>rd</sup>, 2022

#### WPSA budget 2021-2025 over time

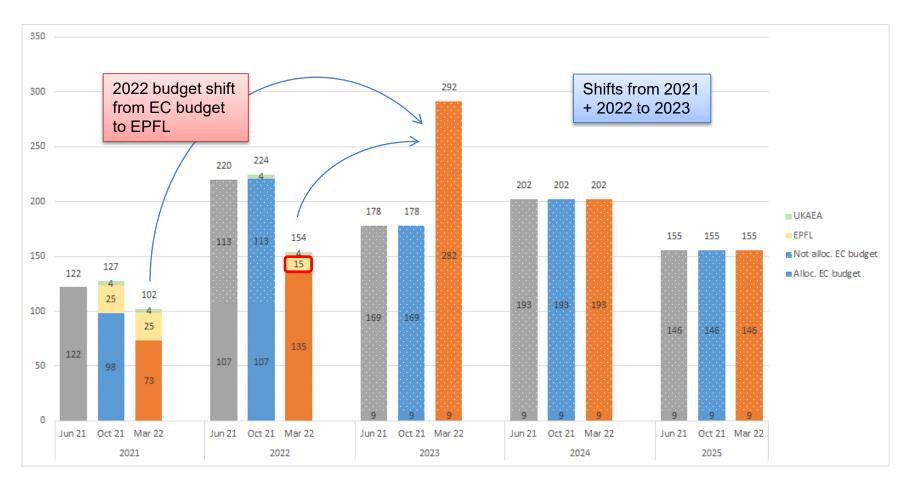




k€ Consortium Contribution from IMS as of Mar 3<sup>rd</sup> 2022, vs. Sep 27<sup>th</sup> 2021 and Jun 16<sup>th</sup> 2021 Budget shift in 2022 from EC budget to UKAEA/EPFL. Unused 2021+2022 resources moved to 2023.

# WPSA-EN budget Enhancements project

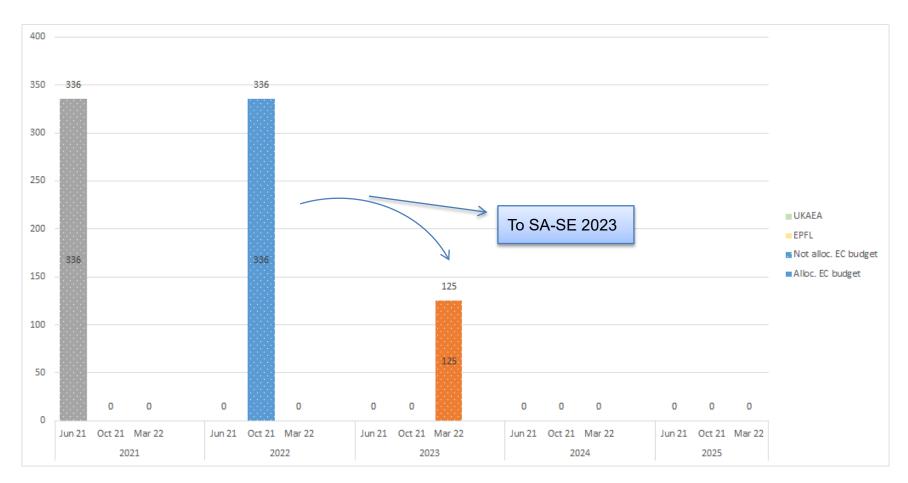




k€ Consortium Contribution from IMS as of Mar 3<sup>rd</sup> 2022, vs. Sep 27<sup>th</sup> 2021 and Jun 16<sup>th</sup> 2021 Budget shift in 2022 from EC budget to EPFL. Unused 2021+2022 resources moved to 2023.

# **WPSA-IC** budget Integrated Commissioning

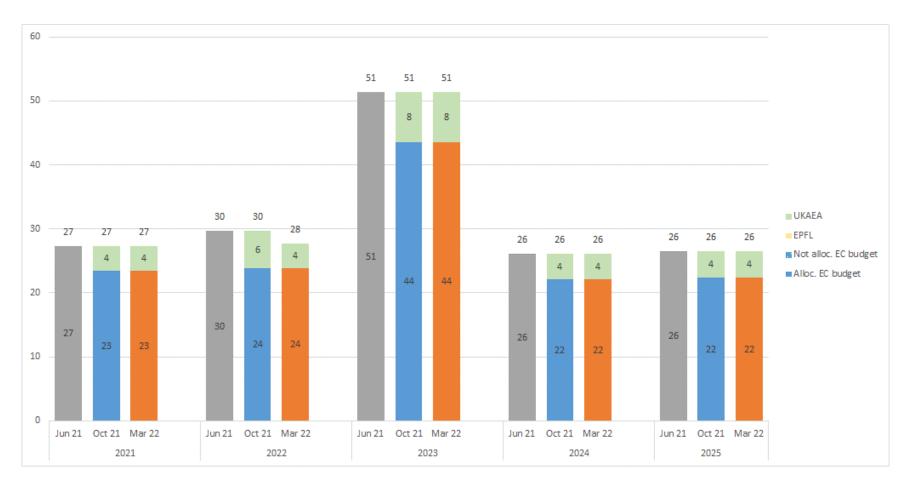




k€ Consortium Contribution from IMS as of Mar 3<sup>rd</sup> 2022, vs. Sep 27<sup>th</sup> 2021 and Jun 16<sup>th</sup> 2021 Unused 2022 resources moved to 2023, partly to SA-SE.

# WPSA-JIFS budget JT-60SA International Fusion School

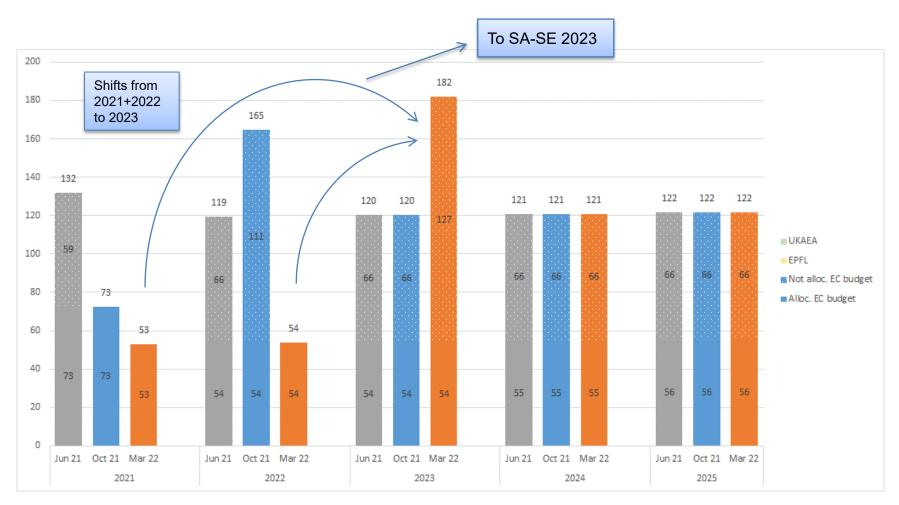




k€ Consortium Contribution from IMS as of Mar 3<sup>rd</sup> 2022, vs. Sep 27<sup>th</sup> 2021 and Jun 16<sup>th</sup> 2021 No changes.

# WPSA-PM budget Project management and coordination activities





k€ Consortium Contribution from IMS as of Mar 3<sup>rd</sup> 2022, vs. Sep 27<sup>th</sup> 2021 and Jun 16<sup>th</sup> 2021 Unused 2021+2022 resources moved to 2023, partly to SA-SE.

# **WPSA-SE** budget Scientific Exploitation

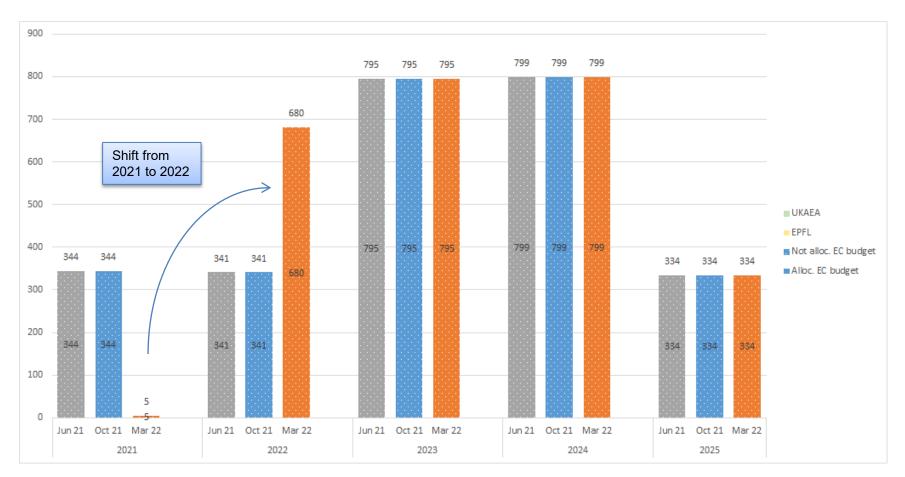




k€ Consortium Contribution from IMS as of Mar 3<sup>rd</sup> 2022, vs. Sep 27<sup>th</sup> 2021 and Jun 16<sup>th</sup> 2021 Budget shift in 2022 from EC budget to UKAEA. In 2023 Resource shift from SA-IC and SA-PM.

# WPSA budget (Level 0: Missions)

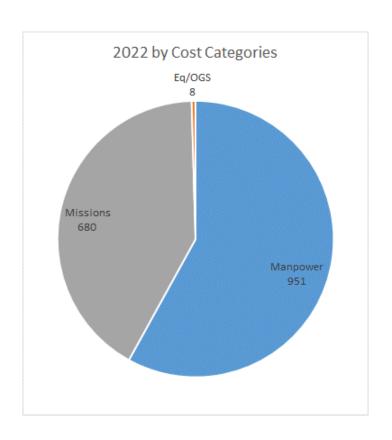


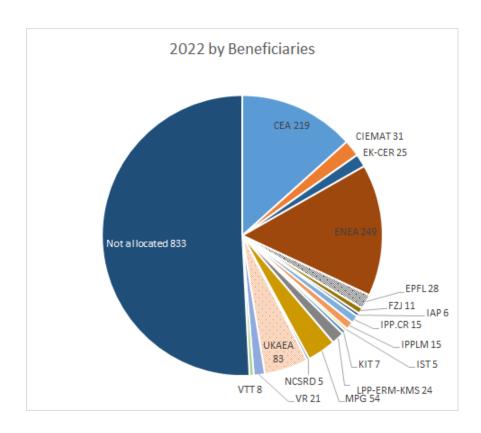


k€ Consortium Contribution from IMS as of Mar 3<sup>rd</sup> 2022, vs. Sep 27<sup>th</sup> 2021 and Jun 16<sup>th</sup> 2021 No major changes, only shift from 2021 to 2022.

# WPSA budget 2022







k€ Consortium Contribution from IMS as of Mar 3<sup>rd</sup>, 2022

#### WPENR budget 2021-2025 over time





k€ Consortium Contribution from IMS as of Mar 3<sup>rd</sup> 2022, vs. Sep 27<sup>th</sup> 2021 and Jun 16<sup>th</sup> 2021 No major changes, only shift from 2021 to later years.

# **WPENR-IFE** budget

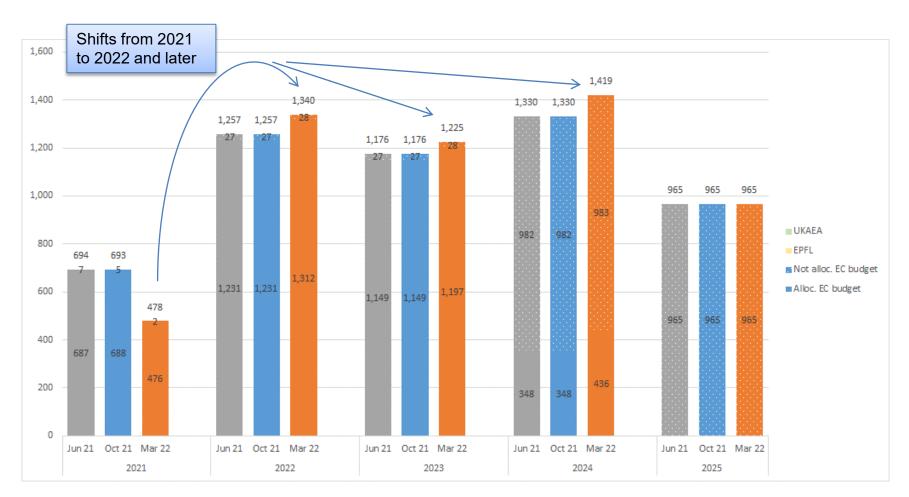




k€ Consortium Contribution from IMS as of Mar 3<sup>rd</sup> 2022, vs. Sep 27<sup>th</sup> 2021 and Jun 16<sup>th</sup> 2021

### **WPENR-MAT** budget

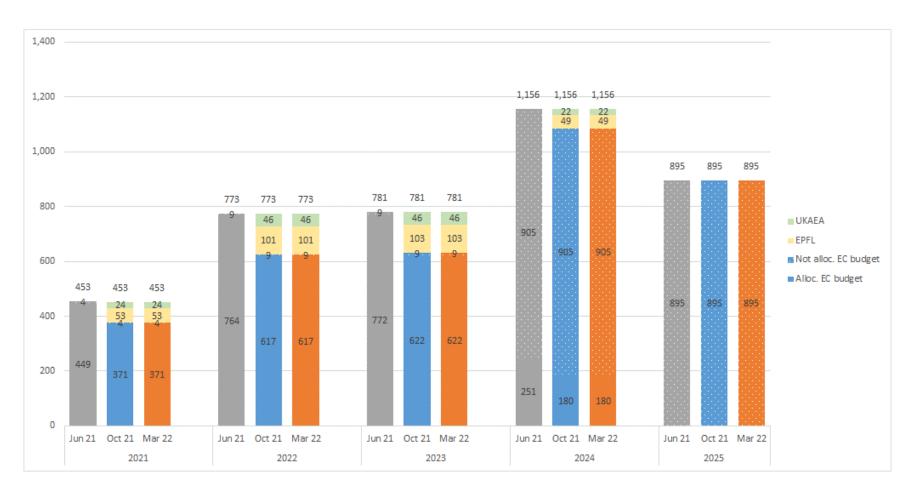




k€ Consortium Contribution from IMS as of Mar 3<sup>rd</sup> 2022, vs. Sep 27<sup>th</sup> 2021 and Jun 16<sup>th</sup> 2021 No major changes, only shift from 2021 to later years.

### **WPENR-MOD** budget





k€ Consortium Contribution from IMS as of Mar 3<sup>rd</sup> 2022, vs. Sep 27<sup>th</sup> 2021 and Jun 16<sup>th</sup> 2021 No changes.

### **WPENR-TEC** budget

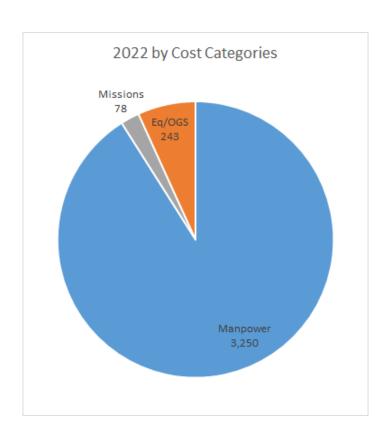


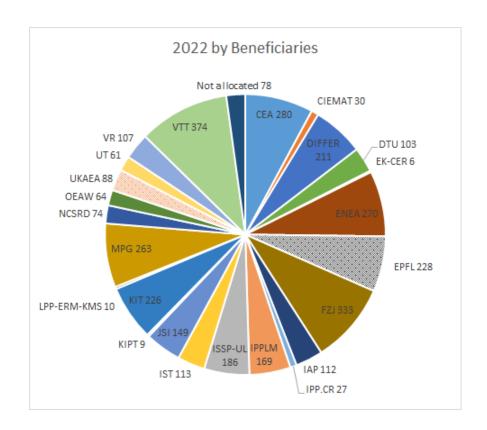


k€ Consortium Contribution from IMS as of Mar 3<sup>rd</sup> 2022, vs. Sep 27<sup>th</sup> 2021 and Jun 16<sup>th</sup> 2021 No major changes, only shift from 2021 to later years.

# WPENR budget 2022







k€ Consortium Contribution from IMS as of Mar 3<sup>rd</sup>, 2022