

		<p>ADDENDUM 2 to ATLAS AGREEMENT 522/2013</p>
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**ADDENDUM 2 to**

**ATLAS AGREEMENT No. 522 / 13**

**Financing of the ABC130 ASICs for the Inner Tracker (ITK)  
R&D**

**IT IS AGREED AS FOLLOWS:**

**ARTICLE 1    SCOPE OF THIS ADDENDUM**

- 1.1            The purpose of the Addendum is to agree on the cost sharing for the first ABC130 production run of 24 wafers as identified in appendix 5

Signed in Geneva,

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## APPENDIX 5 - 24 Additional Wafers

With the evaluations of the re-spun ABC130 being successful so far, we are now confident enough to place the order for the first of at least two production lots of 24 wafers in order to meet the declared needs of the community. The order is under process at Global Foundries (ex-IBM) with an expected delivery in the summer.

Dicing costs are uncertain as we are changing firms. The cost of dicing will be added to the next production run.

The costs will be shared among the participating institutes in the same proportions as the previous orders.

INSTITUTE	SHARE	24 additional Wafers in CHF
<b>Endcap</b>	<b>45.4%</b>	<b>28846</b>
Czech/Charles U.	2.6%	1623
Germany/BMBF (Freiburg)	6.8%	4328
Germany/DESY	6.8%	4328
Netherlands/NIKHEF	6.8%	4328
Poland/AGH Univ.	14.8%	9371
Slovenia/JSI	2.6%	1623
Spain/IFIC	2.6%	1623
Sweden/Uppsala	2.6%	1623
<b>Stave</b>	<b>38.4%</b>	<b>24344</b>
UK/STFC	19.2%	12172
US/DOE	19.2%	12172
<b>Supermodules</b>	<b>16.2%</b>	<b>10278</b>
Japan/KEK	13.6%	8656
Switzerland/Geneva	2.6%	1623
<b>TOTAL</b>	<b>100%</b>	<b>63468</b>