

# Time constraints and opportunities in Asia

DAWN 5

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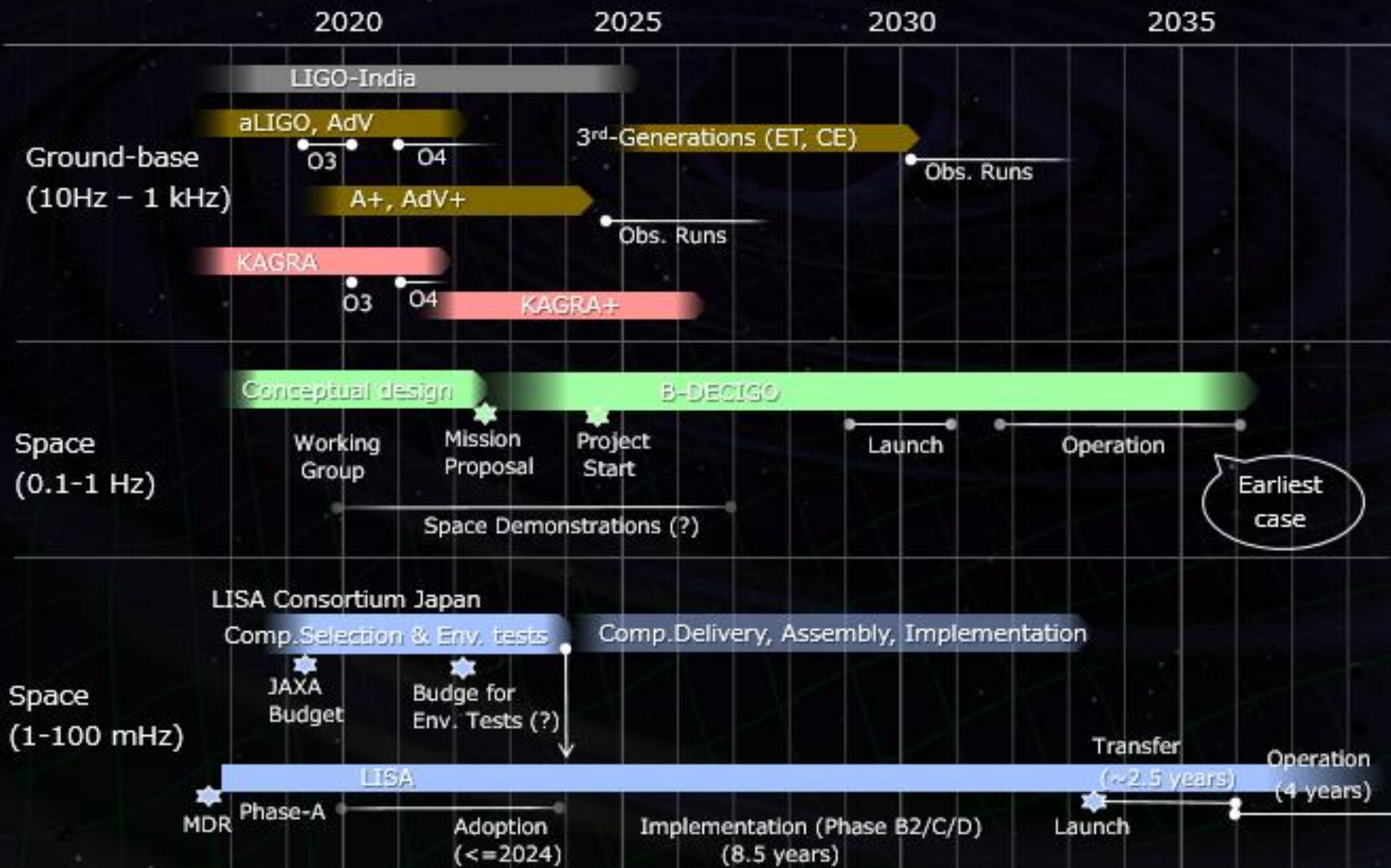
# Updates from the last meeting

	Statements in 2018	Statements in 2019
China	<ul style="list-style-type: none"> <li>• Space projects (TianQin and Taiji)</li> <li>• Atom interferometer (ZAIGA)</li> <li>• Australian-Asian GW Observatory</li> </ul>	<ul style="list-style-type: none"> <li>• Space projects (TianQin and Taiji)</li> <li>• ZAIGA updates</li> <li>• Australian-Asian GW Observatory</li> </ul>
India	<ul style="list-style-type: none"> <li>• Intense activity for LIGO-India</li> <li>• 3G plans are purely for R&amp;Ds</li> </ul>	<ul style="list-style-type: none"> <li>• Intense activity for LIGO-India</li> <li>• 3G plans are purely for R&amp;Ds</li> </ul>
Japan	<ul style="list-style-type: none"> <li>• DECIGO after KAGRA/KAGRA+</li> <li>• Collaboration with ET</li> </ul>	<ul style="list-style-type: none"> <li>• DECIGO/<b>LISA</b></li> <li>• <b>KAGRA+ White Paper</b> in prep.</li> <li>• <b>ET-KAGRA LoI</b> signed in Feb '19</li> </ul>
Korea	No answer	<ul style="list-style-type: none"> <li>• Contribution to <b>KAGRA+</b> (*1)</li> <li>• R&amp;Ds for <b>a 0.1-10Hz detector</b></li> </ul>
Taiwan	<ul style="list-style-type: none"> <li>• No 3G plans organized</li> </ul>	<ul style="list-style-type: none"> <li>• Contribution to <b>KAGRA+</b> (*2)</li> <li>• Joining LISA consortium</li> </ul>

(\*1) Squeezing experiment

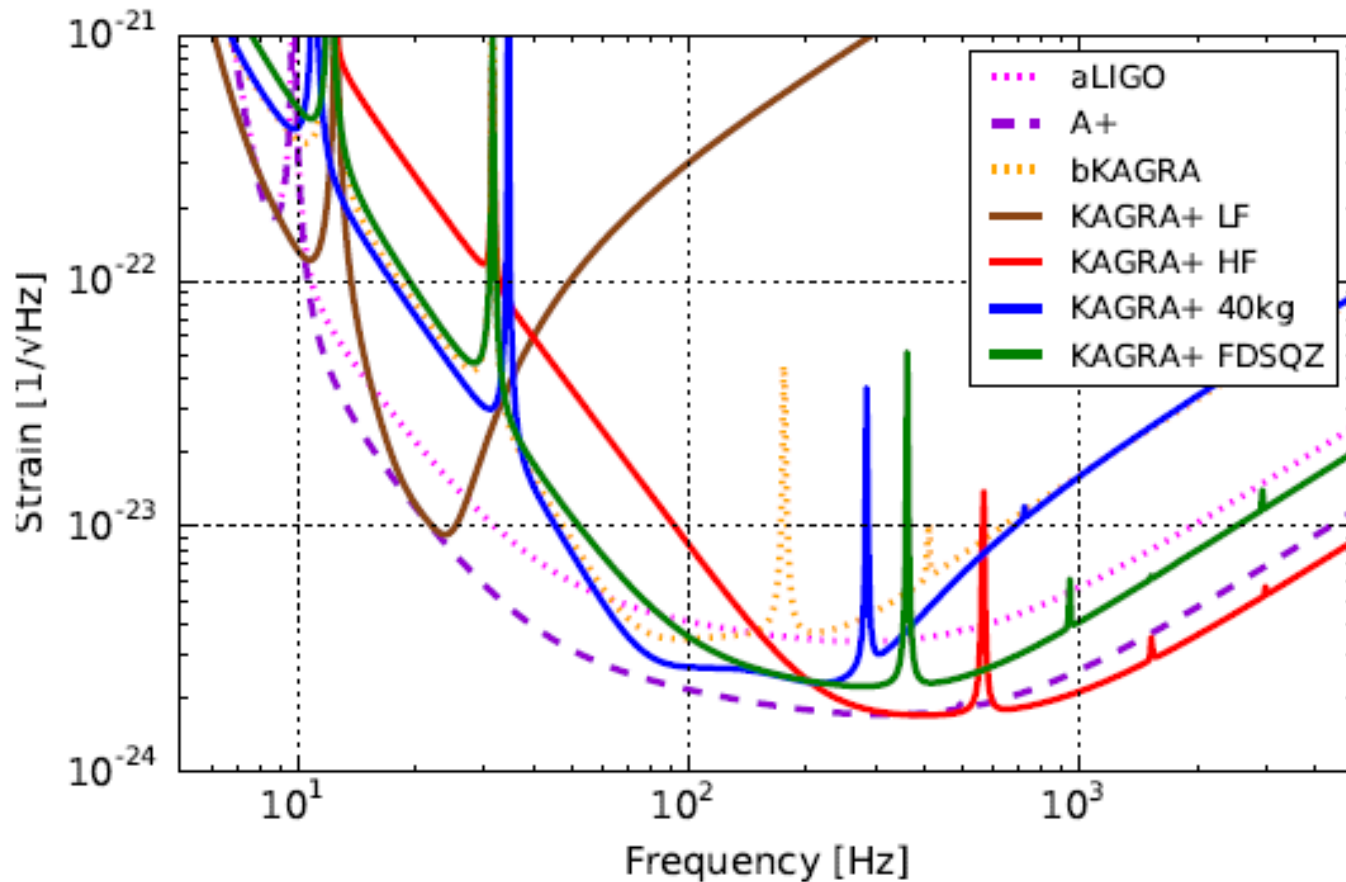
(\*2) High power laser, squeezing

# Overall future GW projects



# KAGRA+

KAGRA+ White Paper by Future Planning Committee



<https://gwdoc.icrr.u-tokyo.ac.jp/cgi-bin/DocDB/ShowDocument?docid=9537>

# ZAIGA (China)

<https://arxiv.org/abs/1903.09288>

