

## 1. Agenda

### Day – 1 (March 6)

Time	Activities
08.00-08.30	Registration
08.30-09.00	Introduction: MoF update on works related to NCA and WAVES activities by Purnama T. Sianturi, Director of State Claims and Other State Assets
09.00 – 09.20	Introduction session: participants introduce themselves and their expectation on the training
09.20 – 09.40	Overview Indonesia-WAVES Program by Farhan Helmy – IWAVES Country Coordinator
09.40 - 09.50	Coffee/tea break
09.50 - 11.00	<p style="text-align: center;"><b>Background, Concepts &amp; International Data</b></p> <p><b>Session I: National Accounts and Macroeconomic indicators, Natural capital accounting, and SEEA</b></p> <ul style="list-style-type: none"> <li>• Introduction to national accounts &amp; macroeconomic indicators (GDP, GNP, GNS)</li> <li>• Introduction to natural capital accounting</li> <li>• Outline of the System of Environmental-Economic Accounting (SEEA)</li> </ul> <p><i>Session 1 outlines the principles behind the basic macroeconomic indicators (GDP etc.), explains some of those shortcomings of these measures, and introduces the extension of macroeconomic measures in the SEEA.</i></p>
11.00-12.30	<p style="text-align: center;"><b>Background, Concepts &amp; International Data</b></p> <p><b>Session II: ANI, ANS, Comprehensive Wealth</b></p> <ul style="list-style-type: none"> <li>• Income accounts – Adjusted national income (ANI) and national savings (ANS)</li> <li>• Balance sheet – Adjusted wealth (comprehensive wealth)</li> </ul> <p><i>Session II details the extended macroeconomic indicators introduced in the SEEA for adjusted national income and savings as well as comprehensive wealth calculations. It will cover the methodology for the calculations</i></p>
12.30-13.30	Lunch Break
13.30-14.45	<p style="text-align: center;"><b>Background, Concepts &amp; International Data</b></p> <p><b>Session III: Data and Examples</b></p> <ul style="list-style-type: none"> <li>• World Bank data on ANI/ANS</li> <li>• Examples of country results</li> </ul> <p><i>Session III introduces the dataset developed by the World Bank for the Changing Wealth of Nations Project, which contains estimates of ANS and Comprehensive Wealth for most countries. It will include examples of results.</i></p>
14.45-15.00	Coffee/tea break
15.00-16.15	<p style="text-align: center;"><b>Background, Concepts &amp; International Data</b></p> <p><b>Session IV: Exercise</b></p> <ul style="list-style-type: none"> <li>• Utilising WB data for country/regional comparisons</li> </ul>

Time	Activities
	<i>In Session IV, participants will use the World Bank data for Comprehensive Wealth calculations for selected countries.</i>

### Day – 2 (March 7)

Time	Activities
08.30-09.00	Registration
09.00-09.10	Introduction to Session <i>Short session for reflections on the previous day</i>
09.10-10.30	<p style="text-align: center;"><b>Building (Adjusted) National Income Accounts in Indonesia</b></p> <p>Session V: <b>Adjusted national income (ANI)</b></p> <ul style="list-style-type: none"> <li>• From GNI to GDP</li> <li>• From GNI to NNI and adjusted NNI</li> <li>• Data sources and calculations</li> </ul>
10.30-10.45	Coffee/tea break
10.45-12.15	<p style="text-align: center;"><b>Building (Adjusted) National Income Accounts in Indonesia</b></p> <p>Session VI: Exercises (ANI)</p> <ul style="list-style-type: none"> <li>• calculating mineral depletion</li> <li>• ANI for Indonesia</li> </ul>
12.15-13.00	Lunch Break
13.00-14.30	<p style="text-align: center;"><b>Building (Adjusted) National Income Accounts in Indonesia</b></p> <p>Session VII: Adjusted National Saving (ANS)</p> <ul style="list-style-type: none"> <li>• Data sources and calculation</li> </ul>
14.30-14.45	Coffee/tea break
14.45-16.15	<p style="text-align: center;"><b>Building (Adjusted) National Income Accounts in Indonesia</b></p> <p>Session VIII: Exercises (ANS)</p> <ul style="list-style-type: none"> <li>• calculating ANS for Indonesia</li> </ul>

### Day – 3 (February 8)

Time	Activities
08.30-09.00	Registration
09.00-09.05	Introduction to Session <i>Short session for reflections on the previous day</i>
09.05-10.30	<p style="text-align: center;"><b>Comprehensive Wealth calculations for Indonesia</b></p> <p>Session IX: <b>Calculating comprehensive wealth</b></p> <p>Mineral accounts</p> <ul style="list-style-type: none"> <li>• principles of calculation</li> <li>• available data &amp; trends</li> </ul> <p>International Investment Position (IIP)</p> <ul style="list-style-type: none"> <li>• principles of calculation</li> <li>• available data &amp; trends</li> </ul> <p>Measuring produced capital (PC)</p> <ul style="list-style-type: none"> <li>• principles of calculation</li> <li>• inputs required/data sources</li> </ul>

Time	Activities
10.30-10.45	Coffee/tea break
10.45 – 12.15	<p style="text-align: center;"><b>Comprehensive Wealth calculations for Indonesia</b></p> <p><b>Session X: Exercise (PC)</b></p> <ul style="list-style-type: none"> <li>• calculating mineral accounts</li> </ul>
12.15-13.00	Lunch Break
13.00 – 14.30	<p style="text-align: center;"><b>Comprehensive Wealth calculations for Indonesia</b></p> <p>Additional asset classes for CW calculations</p> <ul style="list-style-type: none"> <li>➤ Human capital</li> <li>➤ Institutional capital</li> <li>➤ Land</li> <li>➤ Forests</li> </ul> <ul style="list-style-type: none"> <li>• Principles of calculation</li> <li>• Available data and trend</li> </ul>
14.30-14.45	Coffee/tea break
14.45-16.15	<p style="text-align: center;"><b>Comprehensive Wealth calculations for Indonesia</b></p> <p><b>Session XI: Exercise (CW)</b></p> <ul style="list-style-type: none"> <li>• comprehensive wealth calculation for Indonesia</li> </ul>

#### Day – 4 (March 9)

Time	Activities
08.00 – 08.30	Registration
08.30 – 09.00	<p>Introduction to Session</p> <p><i>Short session for reflections on the previous day</i></p>
09.05-10.30	<p style="text-align: center;"><b>Policy Implications and the Way Forward</b></p> <p><b>Session XII: Practical and Policy Implications</b></p> <p>Policy &amp; analytical implications of wealth and adjusted national income and savings</p> <ul style="list-style-type: none"> <li>• Monitoring asset composition / diversification</li> <li>• Monitoring net savings / preservation of capital</li> <li>• Policy-related indicators</li> <li>• Implication for fiscal policy</li> </ul>
10.30-10.45	Coffee/tea break
10.30-11.30	<p style="text-align: center;"><b>Policy Implications and the Way Forward (cont.)</b></p> <ul style="list-style-type: none"> <li>• Indonesia's NCA Objective</li> <li>• Data and capacity gaps</li> <li>• Country experience on institutional arrangement</li> </ul>
11.30-11.45	Closing by Ibu Purnama T. Sianturi
11.45-13.00	Lunch