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Pathway Narratives				
	A) CURRENT TRENDS	B) NATIONAL COMMITMENTS	C) GLOBAL SUSTAINABILITY	JUSTIFICATION
General description	We do not act differently than in the past decade/today	National actions/policies are aligned with national commitments	National actions/policies are aligned with global sustainability targets	
Country Narrative - main elements that have guided the selection of the assumptions under each pathway	Stable land use in agriculture and increased productivity.	A plan to use more land in agricultural activities along with productivity growth.	<p>The Global Sustainability scenario is based on the idea that if more land will be set aside from agricultural activities that will likely lead to more CO2 gas sequestration, which in general should be positive for climate sustainability.</p> <p>Therefore, productivity growth is accompanied by a decrease in agricultural land use.</p>	<p>Current trends are based on trends quantified with the use of Rosstat and FAO data for Russia in the 2010-2020 period.</p> <p>The National Commitments are modeled with some proposed targets of the Russian Strategy of Rural Development and Russian Program of Agricultural Land Use (Rehabilitation) up to 2030 and some other Government Acts.</p>

Pathway Assumptions					
		A) CURRENT TRENDS	B) NATIONAL COMMITMENTS	C) GLOBAL SUSTAINABILITY	JUSTIFICATION
1. Macroeconomics	1.1) GDP per capita	Same as National Commitments.	In the BSU ¹ ("Inertia") scenario a 1.2%-year growth rate during the 2031-2050 period.	Same as National Commitments.	Government of Russia. Decree №3052-p of 29th of October 2021. "Low-carbon Strategy of Russian Federation until 2050" , page 15
	1.2) Population	146.741 thousand people in 2020	By 2036 Rosstat projects an "average" scenario with an estimate of 142.993 thousand people as a total population of Russia.	-	Rosstat. "Rosstat presented a corrected demography projection scenario up to 2036" . Published on the 28th of December 2019.
	1.3) Inflation	No assumption	No assumption	No assumption	-
	1.4) Inequalities	No assumption	No assumption	No assumption	-
2. Land	2.1) Constraints on agricultural expansion/deforestation	From 2007 until 2017 the Russian cropland increased by 6 Mha (from 74 up to 80 Mha). Current levels of cropland are 80-81 Mha per year.	By 2031 to return to agricultural use 13.2 Mha of agricultural land (without specification of cropland or pastures).	No specific target. The model shows a decrease in land use due to higher productivity growth.	Government of Russia. Act of 14th of May 2021 - #731. On the Government Program of Efficient Use (Rehabilitation) of Agricultural Land and Melioration Sector of Russian Federation.

¹ Business as Usual.

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	2.2) Afforestation, and forest plantations targets	No assumption	No assumption	No assumption	-
	2.3) Urban and settlements area	No assumption	No assumption	No assumption	-
	2.4) Protected areas	Nowadays, the protected area is 255.7 Mha. We assume this value will remain stable over time.	To keep the share of protected areas no less than 17% of the land territory of Russia.	No assumption	Ministry of Natural Resources of Russia. Concept of Strategy of Protected Areas up to 2030.
3. Productivity and management	3.1) Crop productivity for the key crops	Small (10-20%) increase in crop yields due to historical trends.	Proposed growth of crop intensification without numerical targets.	No assumption	Government of Russia. Act of 2nd February 2015 - #151-p. The Strategy of Rural Development of the Russian Federation up to 2030.
	3.2) Cropland under agroecological practices	No assumptions	To increase the area of organic crops from 0.6 Mha to 4.2 Mha by 2030.	No assumptions	Government of Russia. Act of 4th of July 2023 - #1788-p. The Strategy for the development of organic production in Russian Federation up to 2030.
	3.3) Livestock productivity for the key livestock products	No assumption	No assumption	No assumption	-
	3.4) Pasture stocking rate	Decrease of pastures due to current trends and major continuous decrease of	By 2031 to return to agricultural use 13.2 Mha of agricultural land (without	Same as the Current Trend	Government of Russia. Act of 14th of May 2021 - #731. On the Government Program of Efficient Use

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		livestock herd in the 2000-2020 period.	specification of cropland or pastures).		(Rehabilitation) of Agricultural Land and Melioration Sector of the Russian Federation
	3.5) Forest management	No assumption	No assumption	No assumption	-
4. Trade	4.1) Share of consumption which is imported for key imported products (%)	Decreased imports of beef and poultry due to increased domestic production.	Decreased imports of beef and poultry due to increased domestic production.	Decreased imports of beef and poultry due to increased domestic production.	Based on current (2010-2020) trends.
	4.2) Evolution of exports for key exported products (1000 tons)	Increased exports of wheat, sunflower oil, barley, pork, and poultry meat due to current trends and large stocks.	Increased exports of wheat, sunflower oil, barley, pork, and poultry meat due to current trends and large stocks.	Increased exports of wheat, sunflower oil, barley, pork, and poultry meat due to current trends and large stocks.	Based on current (2010-2020) trends.
5. No Food	5.1) Average dietary composition	No assumption	No assumption	No assumption	-
	5.2) Share of food consumption which is wasted at household level	No assumption	No assumption	No assumption	-
6. Biofuels	6.1) Targets on biofuel and/or other bioenergy use	No assumption	No assumption	No assumption	-
	6.2) Targets on other non-food use	No assumption	No assumption	No assumption	-

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<p>7. Water</p>	<p>7.1) Irrigated crop area</p>	<p>No assumption</p>	<p>To improve facilities in irrigated areas up to 1.2 Mha by 2030.</p>	<p>To improve facilities in irrigated areas up to 1.2 Mha by 2030.</p>	<p>Government of Russia. Act of 14th of May 2021 - #731. On the Government Program of Efficient Use (Rehabilitation) of Agricultural Land and Melioration Sector of Russian Federation.</p>
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