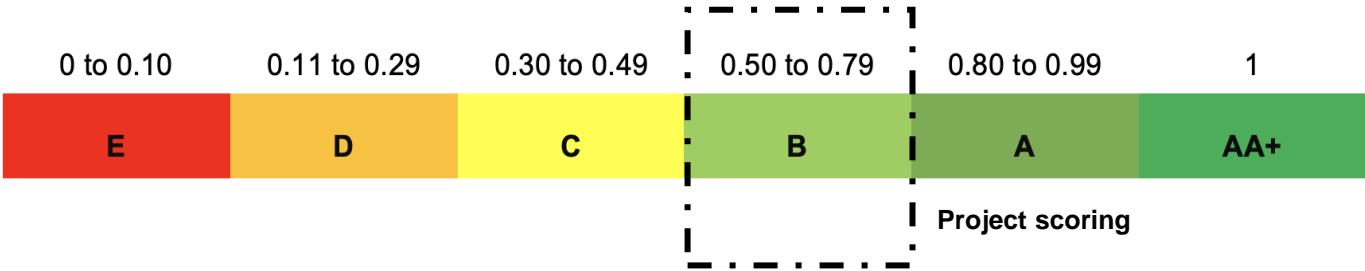## Nat5 Scoring

Key project	BEL-002-MEX-20062024 PARAÍSO, TABASCO, MÉXICO
Title of the project activity	Manejo Forestal La Solución Somos Todos
Company	Desarrollos Sostenibles BELMEX S.A. de C.V.

Scope	Variable	Description	Level	Weighting
Types of credits	Credits	The forest management project in Emiliano Zapata, Tabasco, México is applying to two types of credits: carbon removal VCC and biodiversity VBBC.	Multi-credit project	1.00
Climatic catastrophes	Forest fires	Dada la localización del proyecto, las condiciones ecológicas de éste y los regímenes de precipitación del mismo, se considera que no hay riesgo de incendios o que éste puede ser minimizado con medidas correspondientes.	No risk	1.00
	Floods	According to the Atlas de Riesgos del Estado de Tabasco (CENAPRED), the level of flooding susceptibility (IPCET, 2019) in the project area is high: http://www.atlasnacionalderiesgos.gob.mx/app/Estados/VisorTabasco	High	0.30
	Droughts	According to the Drought Monitor of the Comisión Nacional del Agua (CONAGUA) - National Meteorological Service of March 31, 2022, the State of Tabasco had not presented drought in any of its municipalities: https://www.gob.mx/cms/uploads/attachment/file/729692/Monitor_de_Sequ_a-31-Marzo2022.pdf	No risk	1.00
	Tornadoes and waterspouts	According to the Atlas de Riesgos del Estado de Tabasco (CENAPRED), the level of susceptibility to tropical cyclones in the project area is high: http://www.atlasnacionalderiesgos.gob.mx/app/Estados/VisorTabasco	High	0.30
Climate change	Loss of ecological conditions necessary for the adaptability of reforested species.	Currently in the project area there is 93% of the ecological conditions necessary for the reforested species; in the 2050 scenario with climate change, the percentage of optimal conditions will reduce by 21%, which means that the reforested individuals will have to make a greater effort to ensure their adaptability.	Medium	0.10
Legal, political and social conditions	Legal risk	The Tabasco State Climate Change and Sustainability Law establishes provisions to reduce state emissions through policies and programs that promote the transition to a sustainable, competitive, and low-carbon economy, including market instruments, incentives, and other alternatives.	Existence of a comprehensive national regulatory framework on VCM and climate action	1.00
	Political risk	Positive outlook toward VCM and in favor of climate action as a national priority	Positive outlook toward VCM and in favor of climate action as a national priority	1.00
	Social risk	The project identified and involved the main local stakeholders: landowner, local community, and public entities. The results and processes of the social consultation can be found in the LSC format.	The project is aligned and has involved the community and key stakeholders through an agreement	1.00
Project Developer	Project developer's risk	Desarrollos Sostenibles BELMEX helps companies to improve their production processes, seeking that in all their actions they can advance in the neutrality of the carbon footprint, as well as in the fight against Greenhouse Gases (GHG). DSBELMEX is looking for responsible companies and entrepreneurs to invest financially in reforestation projects in the southeast of Mexico, which will lead to productive and social projects in the same communities.	The promoter has experience with similar projects in less than 3 years and has not yet achieved high impact results	0.75
	Strength of the project team	The internal team has more than 7 years of experience in developing similar projects.	The internal team has a combined technical experience of less than 7 years and/or a combined commercial experience of less than 7 years	1.00

Transparency and communication	Transparency and clarity of project communication	The project developer has shared all non-confidential information in a timely manner as required by the aOCP. Provided a photographic record of the event where the project was socialized, as well as the acceptance agreement with the landowner.	The developer has made all non-confidential project information public and easily accessible in appropriate formats and has adopted appropriate strategies and measures to maintain communication with different stakeholders	1.00
Participation and alliances	Involvement of the local community in the project team	The projects developed by DSBELMEX have a positive social impact, as these are the direct beneficiaries.	The project employs members of the local community, who participated or participate in the operational and day-to-day running of the project	1.00
	Ability of the project to form partnerships	The project has some partnerships and actively engages with relevant organizations across the board	The project has some partnerships and actively engages with relevant organizations across the board	0.50
			Total	**0.78**

Nat5 Scoring Classification

0 to 0.10	0.11 to 0.29	0.30 to 0.49	0.50 to 0.79	0.80 to 0.99	1
E	D	C	B	A	AA+

Project scoring

Notes:

• The project score is "B" (0.78);
• The variables that lowered the project's score are mainly for vulnerability to climatic phenomena: fires, floods and climate change, as well as lack of local team members;
• In terms of social, political and legal conditions the project was evaluated with the highest score (1);
• In terms of developer experience, the project was evaluated with the highest score (1);
• In terms of transparency and communication, the project was evaluated with the highest score (1).
• Fire risk was analyzed with the Orbify tool. This tool merges various hazard layers, including the Fire Weather Index (FWI), historical forest fire loss data, and extreme heat hazards, to create a composite risk layer for a designated region. The FWI, a globally recognised tool, estimates fire danger based on meteorological conditions, categorised into five levels, with additional classes for extreme danger.
Credits:
- Vitolo, C., Di Giuseppe, F., Barnard, C., Coughlan, R., San-Miguel-Ayanz, J., Libertá, G., & Krzeminski, B. (2020). ERA5-based global meteorological wildfire danger maps. Scientific data, 7(1), 1-11. 'Contains modified Copernicus Climate Change Service information [Year]'
-Copernicus Climate Change Service, Climate Data Store, (2019): Fire danger indices historical data from the Copernicus Emergency Management Service. Copernicus Climate Change Service (C3S) Climate Data Store (CDS). DOI: 10.24381/cds.0e89c522 (Accessed on DD-MMM-YYYY)
-Tyukavina, A., Potapov, P., Hansen, M.C., Pickens, A., Stehman, S., Turubanova, S., Parker, D., Zalles, V., Lima, A., Kommareddy, I., Song, X-P, Wang, L. and Harris, N. (2022) Global trends of forest loss due to fire, 2001-2019. Frontiers in Remote Sensing https://doi.org/10.3389/frsen.2022.825190
-Koen De Ridder, Dirk Lauwaet, Hans Hooyberghs, and Filip Lefebre from VITO

A detailed explanation of Nat5 Scoring can be found in the aOCP Procedures document version 2.0