

## Supplementary Tables

Textual content in the tables' columns is in Portuguese as they represent the name of laws, organizations / associations, policies and plans related to entrepreneurship and innovation in the municipalities. The "X" indicates the absence of the factor in the municipality.

Table S1. Factors in the Água Branca and Canapi Innovation Environments.

Factors	Água Branca	Canapi
Research Project Center	X	X
Law on Industrial Policy	X	X
Center for exhibition and fair activities	X	X
Technology Transfer Center	X	X
Long-Term Regional Development Strategy	Plano de Intervenção: Ecossistema de Inovação do Sertão – 2023	Plano de Intervenção: Ecossistema de Inovação do Sertão – 2023
Law on the Development of Innovative Activities	X	X
Program to improve the investment climate and attract investments and new technologies in the region's economy	X	X
Law on the Development of Small, Medium-sized Enterprises and Individual Entrepreneurs	X	X
Public Private Partnerships (PPP)	Sala do Empreendedor	Sala do Empreendedor
Support and development programs for Individual Entrepreneurs and micro, small, and medium-sized companies	Programa municipal de compras públicas para pequenos empreendimentos seguindo a Lei Federal Nº 123/2006	X
Law on taxation of organizations and companies	X	X

Entities for the development of the governance process	ACAAB / AMAQUI; ARCA / COOPERAGRO; COOSERTÃO/ Entre Serras		X
Law on the regulation of investment activities	X		X
Law on science and scientific and technological policy	X		X
Subsidy of part of the interest rates on loans raised by Innovation and Development entities	X		X
Granting tax benefits/incentives	X		X
Scientific and Technical Information Center	X		X
Business incubator	X		X
Information and Innovation Center		Sala do Empreendedor	Sala do Empreendedor
Outsourced Service Center	X		X
Legislation protecting intellectual property	X		X
Granting investment tax credit	X		X

Table S2. Factors in the Delmiro Gouveia and Inhapi Innovation Environments.

Factors	Delmiro Gouveia	Inhapi
Research Project Center	Universidade Federal de Alagoas	X
Law on Industrial Policy	Lei nº 1.242/2018	X
Center for exhibition and fair activities	X	X
Technology Transfer Center	X	X
Long-Term Regional Development Strategy	Plano de Intervenção: Ecossistema de Inovação do Sertão – 2023	Plano de Intervenção: Ecossistema de Inovação do Sertão – 2023

Law on the Development of Innovative Activities	Lei nº1404/2023 sobre Política Municipal de Ciência, Tecnologia e Inovação	X	
Program to improve the investment climate and attract investments and new technologies in the region's economy	X	X	
Law on the Development of Small, Medium-sized Enterprises and Individual Entrepreneurs	Lei nº1404/2023 sobre Política Municipal de Ciência, Tecnologia e Inovação	X	
Public Private Partnerships (PPP)	Lei nº1309/2021 sobre Programa para PPP / Conselho Municipal do Desenvolvimento Econômico da Indústria e Comércio / Casa do Empreendedor		Sala do Empreendedor
Support and development programs for Individual Entrepreneurs and micro, small, and medium-sized companies	X	X	
Law on taxation of organizations and companies	X	X	
Entities for the development of the governance process	ACEDG / CDL / COOFADEL / COOPTAASA / Cooperativa Campo Verde / Conselho Municipal do desenvolvimento Econômico da indústria e comércio / Associação Flor de Caribeira	X	
Law on the regulation of investment activities	Lei nº1404/2023 sobre Política Municipal de Ciência, Tecnologia e Inovação	X	
Law on science and scientific and technological policy	Lei nº1404/2023 sobre Política Municipal de Ciência, Tecnologia e Inovação	X	

Subsidy of part of the interest rates on loans raised by Innovation and Development entities	X	X
Granting tax benefits/incentives	Lei nº1404/2023 sobre Política Municipal de Ciência, Tecnologia e Inovação	
Scientific and Technical Information Center	X	X
Business incubator	X	X
Information and Innovation Center	Casa do Empreendedor	Sala do Empreendedor
Outsourced Service Center	X	X
Legislation protecting intellectual property	X	X
Granting investment tax credit	X	X

Table S3. Factors in the Mata Grande and Olho d'Água do Casado Innovation Environments.

Factors	Mata Grande	Olho d'Água do Casado
Research Project Center	X	X
Law on Industrial Policy	X	X
Center for exhibition and fair activities	X	X
Technology Transfer Center	X	X
Long-Term Regional Development Strategy	Plano de Intervenção: Ecossistema de Inovação do Sertão – 2023	Plano de Intervenção: Ecossistema de Inovação do Sertão – 2023
Law on the Development of Innovative Activities	X	X
Program to improve the investment climate and attract investments and new technologies in the region's economy	X	X
Law on the Development of Small, Medium-sized	X	X

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Enterprises and Individual Entrepreneurs		
Public Private Partnerships (PPP)	Sala do Empreendedor	Sala do Empreendedor
Support and development programs for Individual Entrepreneurs and micro, small, and medium-sized companies	X	X
Law on taxation of organizations and companies	X	X
Entities for the development of the governance process	X	X
Law on the regulation of investment activities	X	X
Law on science and scientific and technological policy	X	X
Subsidy of part of the interest rates on loans raised by Innovation and Development entities	X	X
Granting tax benefits/incentives	X	X
Scientific and Technical Information Center	X	X
Business incubator	X	X
Information and Innovation Center	Sala do Empreendedor	Sala do Empreendedor
Outsourced Service Center	X	X
Legislation protecting intellectual property	X	X
Granting investment tax credit	X	X
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Table S4. Factors in the Pariconha and Piranhas Innovation Environments.

Factors	Pariconha	Piranhas
Research Project Center	X	Instituto Federal de Alagoas
Law on Industrial Policy	X	X
Center for exhibition and fair activities	X	X
Technology Transfer Center	X	X
Long-Term Regional Development Strategy	Plano de Intervenção: Ecossistema de Inovação do Sertão – 2023	Piranhas150 / Plano de Intervenção: Ecossistema de Inovação do Sertão – 2023 Lei Nº 352/2022 da
Law on the Development of Innovative Activities	X	Microempresa, da Empresa de Pequeno Porte e do Microempreendedor Individual
Program to improve the investment climate and attract investments and new technologies in the region's economy	X	X
Law on the Development of Small, Medium-sized Enterprises and Individual Entrepreneurs	X	Lei Nº 352/2022 da Microempresa, da Empresa de Pequeno Porte e do Microempreendedor Individual
Public Private Partnerships (PPP)	Sala do Empreendedor	Sala do Empreendedor / Hub Xingó
Support and development programs for Individual Entrepreneurs and micro, small, and medium-sized companies	X	X
Law on taxation of organizations and companies	X	Lei Nº 352/2022 da Microempresa, da Empresa de Pequeno Porte e do Microempreendedor Individual
Entities for the development of the governance process	X	ASCOP / XINGÓ VIVO / COOPEAPIS / COOPEX

Law on the regulation of investment activities	X	X
Law on science and scientific and technological policy	X	Lei Nº 352/2022 da Microempresa, da Empresa de Pequeno Porte e do Microempreendedor Individual
Subsidy of part of the interest rates on loans raised by Innovation and Development entities	X	X
Granting tax benefits/incentives	X	Código Tributário determina reduções isenções de tributos para certas categorias de empresas
Scientific and Technical Information Center	X	X
Business incubator	X	X
Information and Innovation Center	Sala do Empreendedor	Sala do Empreendedor / Fábrica de Inovações
Outsourced Service Center	X	X
Legislation protecting intellectual property	X	X
Granting investment tax credit	X	X