

## LAUNCH OF PROSPER FERTILIZER BRAND AND HUAMBO IDA WORKSHOP

Minbos Resources Limited (ASX:MNB) (“Minbos” or “the Company”) is pleased to announce that it has successfully launched its phosphate fertilizer brand, **Prosper Primeiro**, at an industry workshop, held on Wednesday, 13<sup>th</sup> September 2023, in Huambo, Angola (Fig. 1).



Figure 1 – Huambo Workshop, including Minbos CEO Lindsay Reed.

The workshop was opened by the Vice Governor of Huambo in the presence of the King of Huambo and representatives of the Agriculture, Economy and Mining Ministries and the Director of IDA (Institute for the Development of Agriculture), representatives of FADA (Fund for the Development of Agriculture) and more than 200 delegates.

In Attendance from Minbos was CEO Lindsay Reed and Country Manager Camache Caturichi.

The Broad aims of the workshop were:

- To launch the **Prosper Primeiro** Brand in Angola;
- Provide technical support to IDA extension workers and industry regarding local soils and growing conditions;
- Introduce IDA extension workers to phosphate-based fertilizer and the importance of large applications in the first year;
- Introduce the Minbos-led phosphate decision support tool, an interactive app available for free to local farmers which allows them to make decisions on rate and return of **Prosper Primeiro**; and
- Provide an update on field and greenhouse trials, the efficacy for the yield increases delivered by **Prosper Primeiro**.

The workshop was a full day interactive event, with Mr Reed giving a presentation in Portuguese, which attached in English.

Presentations were received from the (IFDC) International Fertilizer Development Centre, (APNI) African Plant Nutrition Institute, IIA (Institute for Agronomic Investigations, Angola), FADA MINAGRIF (Ministry of Agriculture and Forrestry), NPCT (Dr Luis Prochnow), and IDA.

This announcement is authorised for release by the Board of Minbos Resources Limited.

**-END-**

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**Compliance Statement**

The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and, in the case of material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed.



## **Forward Looking Statements**

Statements contained in this release, particularly those regarding possible or assumed future performance, revenue, costs, dividends, production levels or rates, prices, or potential growth of Minbos Resources Limited, are, or may be, forward looking statements. Such statements relate to future events and expectations and, as such, involve known and unknown risks and uncertainties. Actual results and developments may differ materially from those expressed or implied by these forward-looking statements depending on a variety of factors.





**PROSPER** 

Our Family of Products



Health

Education

Social

**PROSPER** 



First product

First year

First Application

First Importance







# Cabinda Phosphate Project

Produced in Angola for Angola



# Cabinda Phosphate

**High**

Phosphate grade

**High**

Reactivity

**Longlife**

Project

**Easy**

Mining

**Easy**

Beneficiation





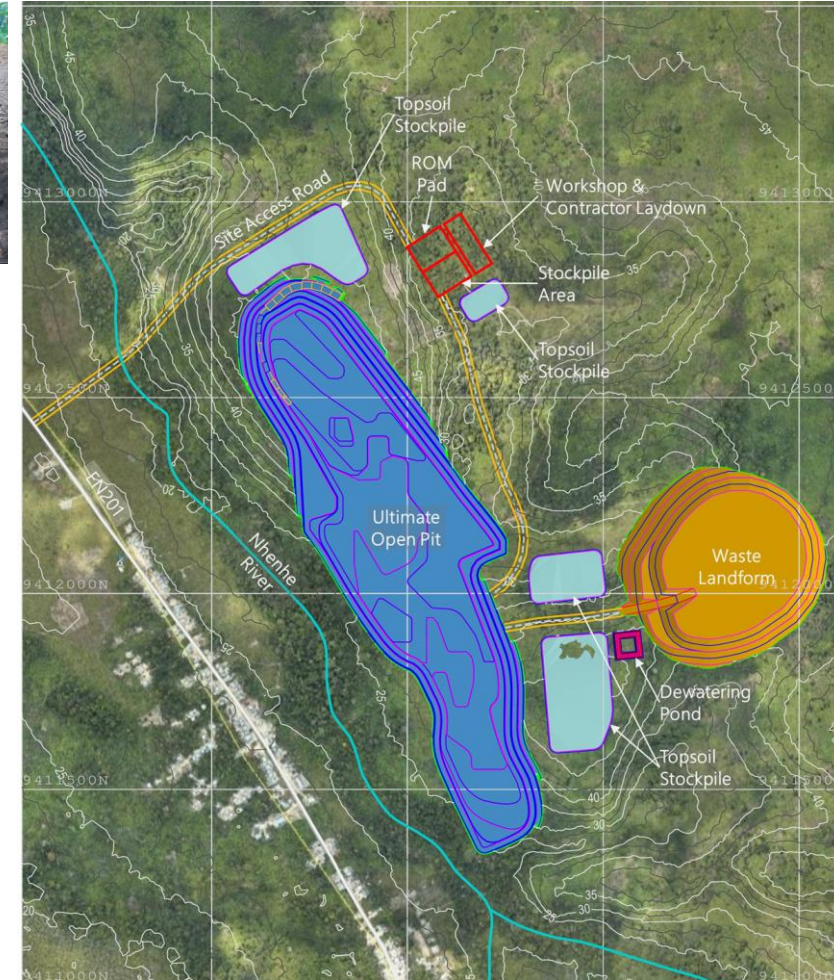
# Rapid Progress since signing MIC in March 2021

- **Plant** - Ordered in July 2021
- **Mina** - Finalized the resource in Nov. 2021
- **Mina** - Bulk sample December 2021
- **Planta** - EPC Contractor March 2022
- **Mina** - DFS and Ore Reserves October 2022
- **Farm** - Season 4 field trials Dec 2022
- **Permit** - AIPEX Investment Contract Jan 2023
- **Planta** - Equipment delivered in March 2023
- **Permit** - Licenças ambientais Abril 2023
- **Mina** - Mine access bridge April 2023
- **Porto** - Port of Cabinda June 2023
- **Planta** - Construction begins in June 2023

**Mine** - Mining starts in 2023

**Plant** - Foundations in November 2023

**Farm** - First application in 2024



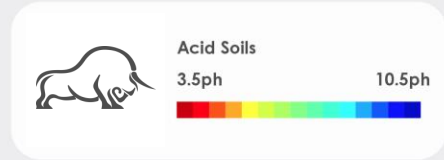


**PRIMEIRO**  
*FERTILIZANTE DE ROCHA FOSFÁTICA*

# Cabinda Phosphate Fertilizer

Designed for Angola





### CABINDA PHOSPHATE NEEDS ANGOLA

✓ Acid soils <6pH

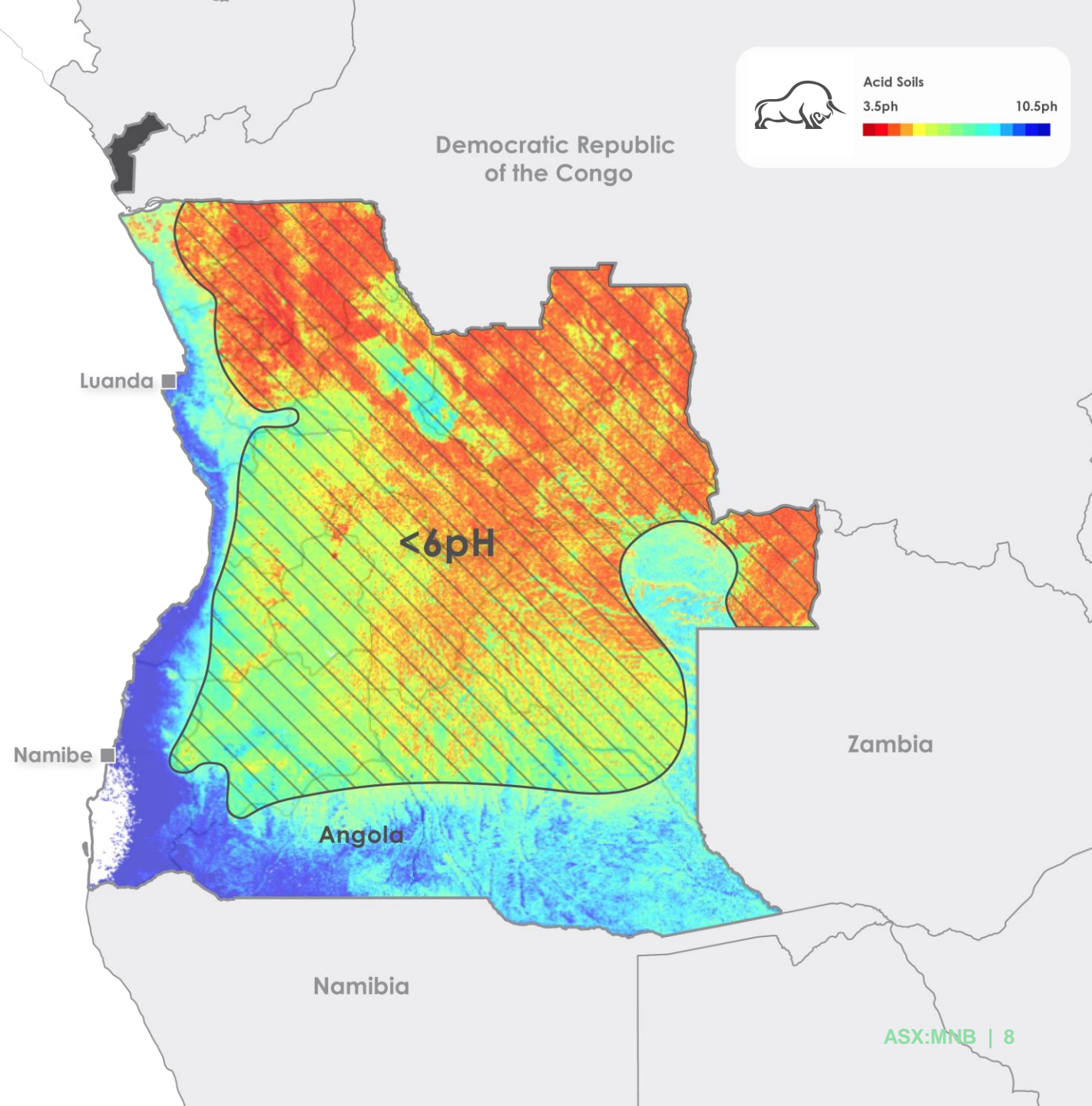
○ High Rainfall

### ANGOLA NEEDS CABINDA PHOSPAHTE

○ Low Phosphorus

○ High P adsorbtion

○ Smallholder Farmers



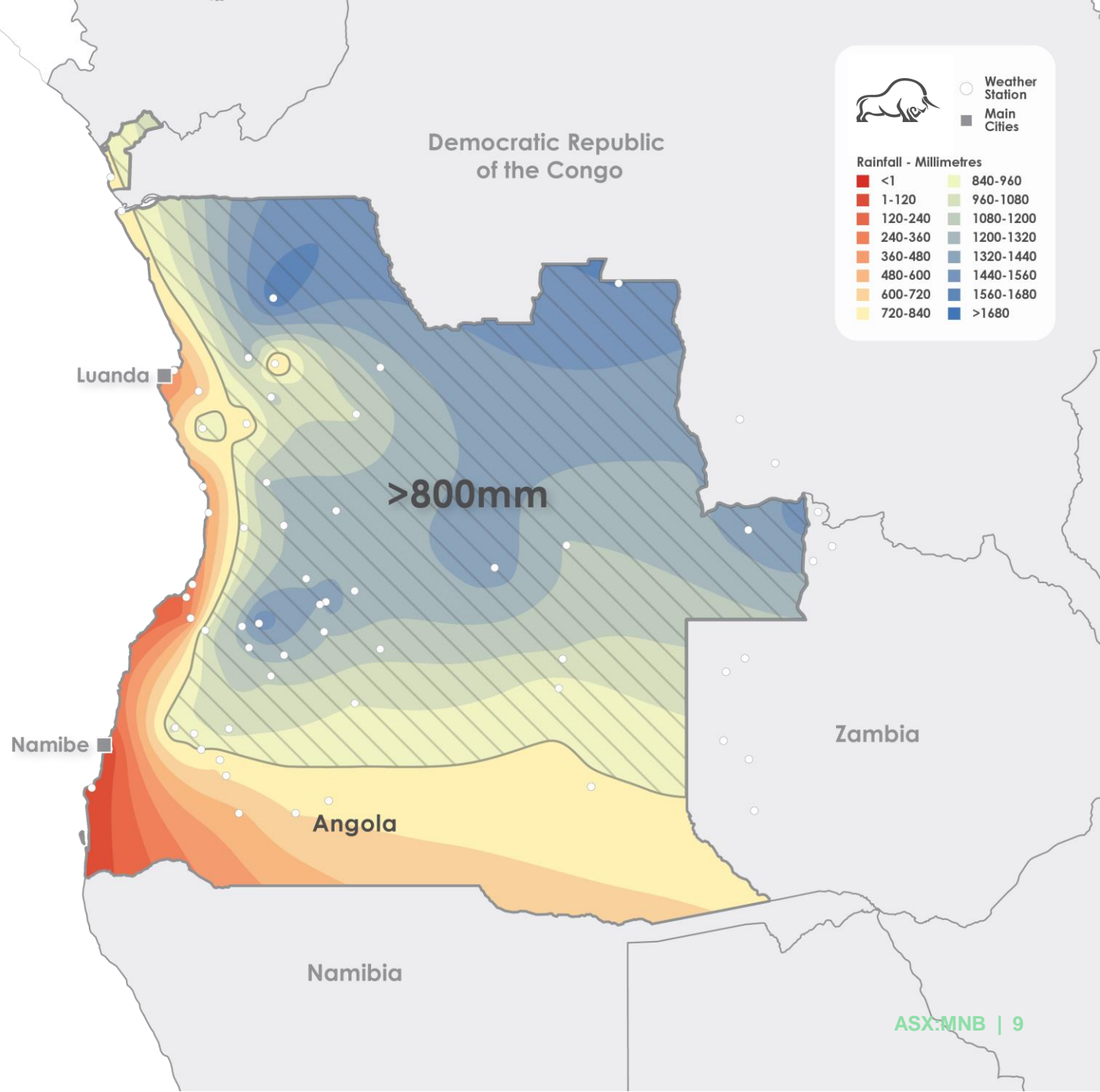


**CABINDA PHOSPHATE NEEDS ANGOLA**

- ✓ Solos Ácidos
- ✓ High Rainfall > 800mm

**ANGOLA NEEDS CABINDA PHOSPHATE**

- Low Phosphorous
- High P adsorbtion
- Smallholder Farmers



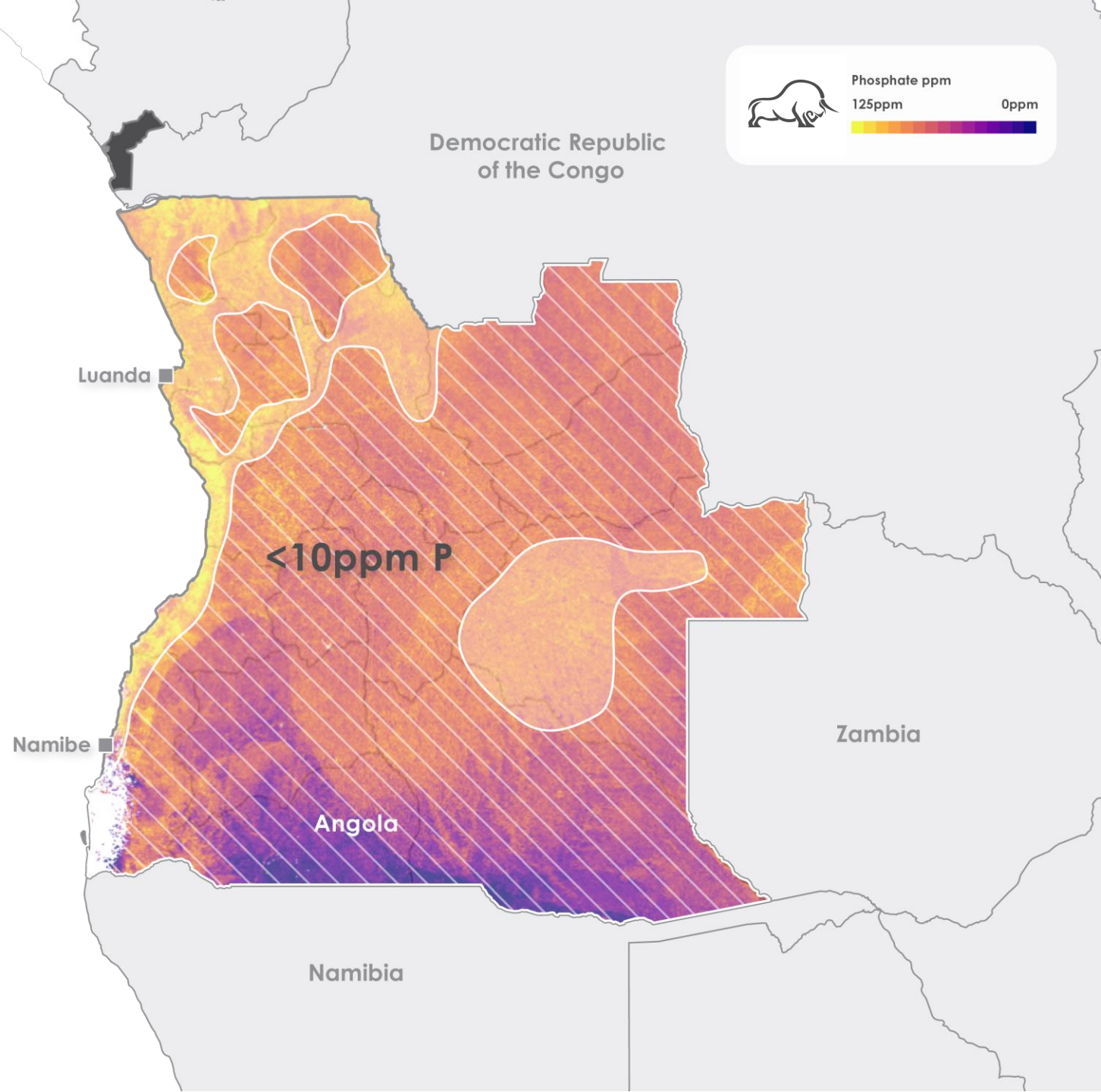


### CABINDA PHOSPHATE NEEDS ANGOLA

- ✓ Acid Soils
- ✓ High Rainfall

### ANGOLA NEEDS CABINDA PHOSPHATE

- ✓ Low Phosphorus <10ppm
- High adsorption of P
- Smallholder Farmers



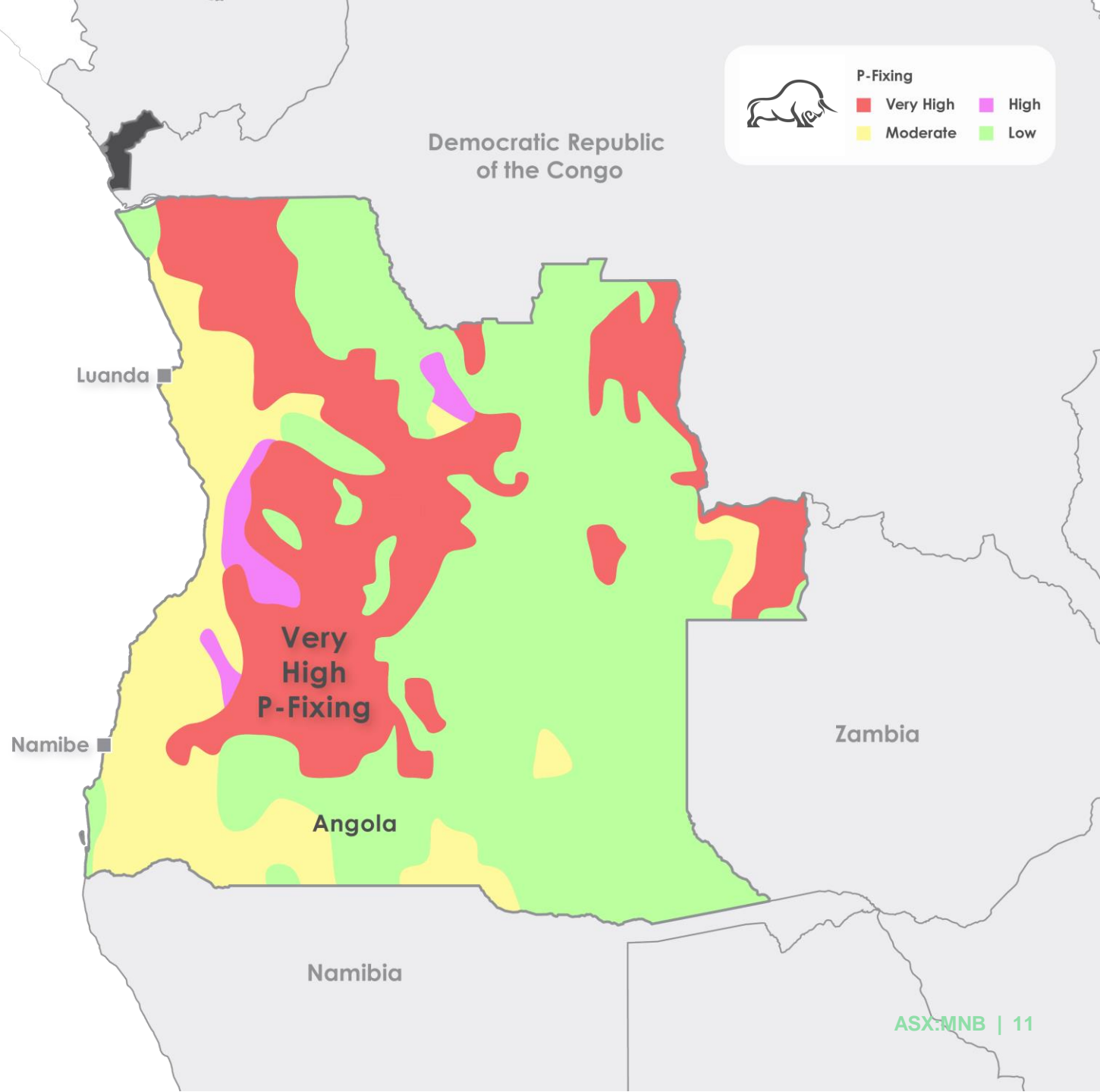


### CABINDA PHOSPHATE NEEDS ANGOLA

- ✓ Acid Soil
- ✓ High Rainfall

### ANGOLA NEEDS CABINDA PHOSPHATE

- ✓ Low Phosphorus
- ✓ High P adsorption
- Family Farmers



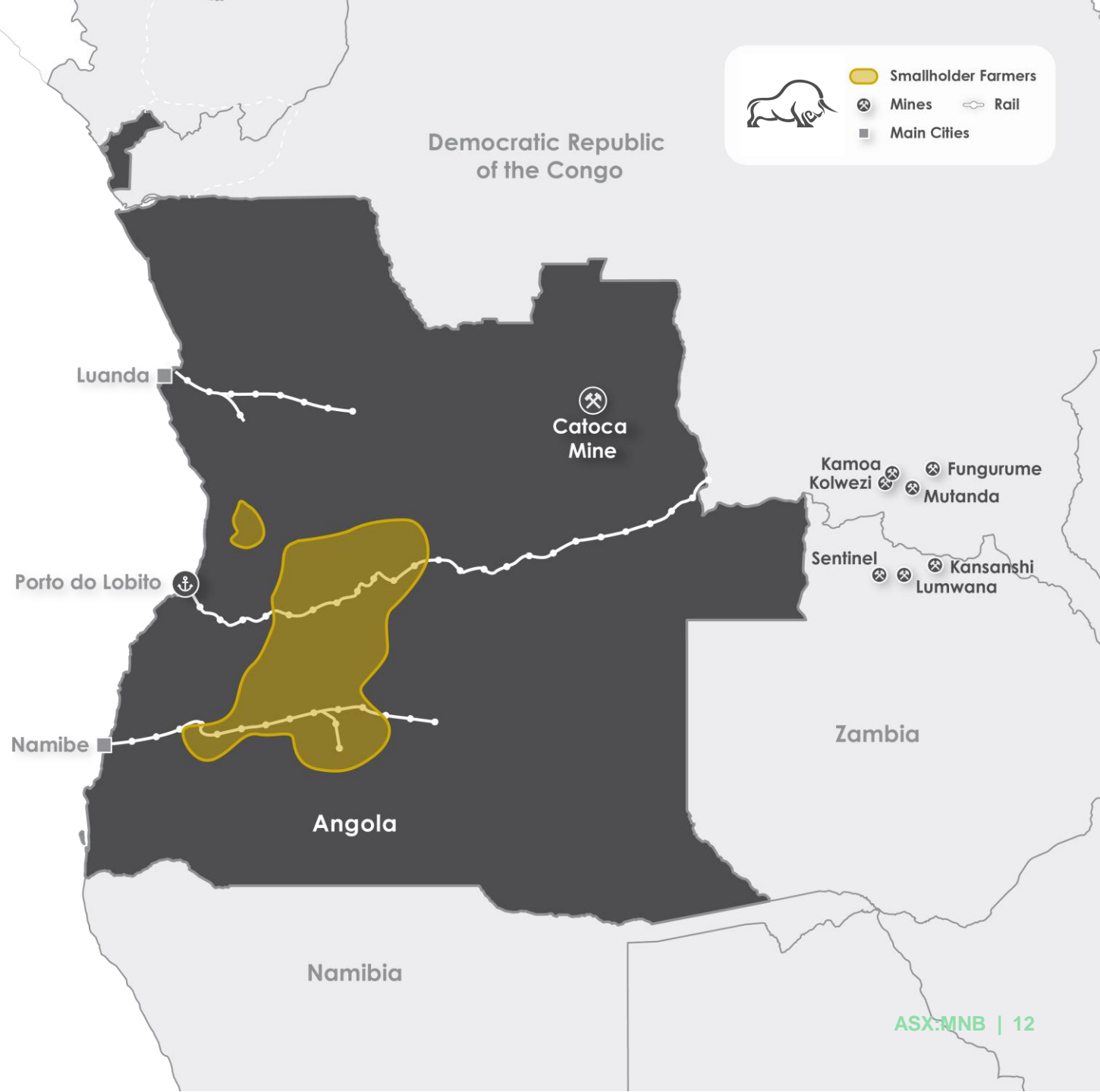


### CABINDA PHOSPHATE NEEDS ANGOLA

- ✓ Acid Soils
- ✓ High Rainfall

### ANGOLA NEEDS CABINDA PHOSPHATE

- ✓ Low Phosphorus
- ✓ High P adsorption
- ✓ Smallholder Farmers – 2 million

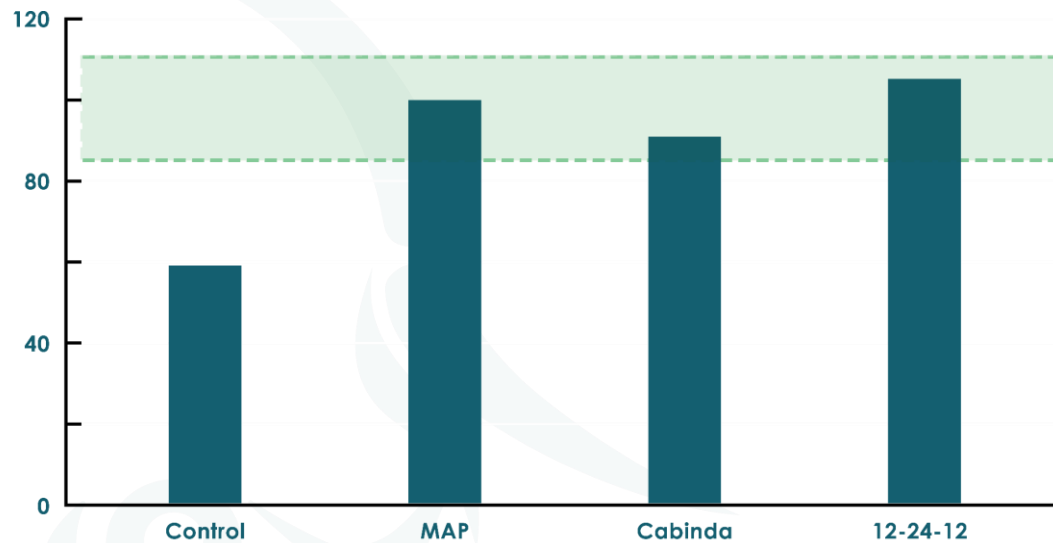




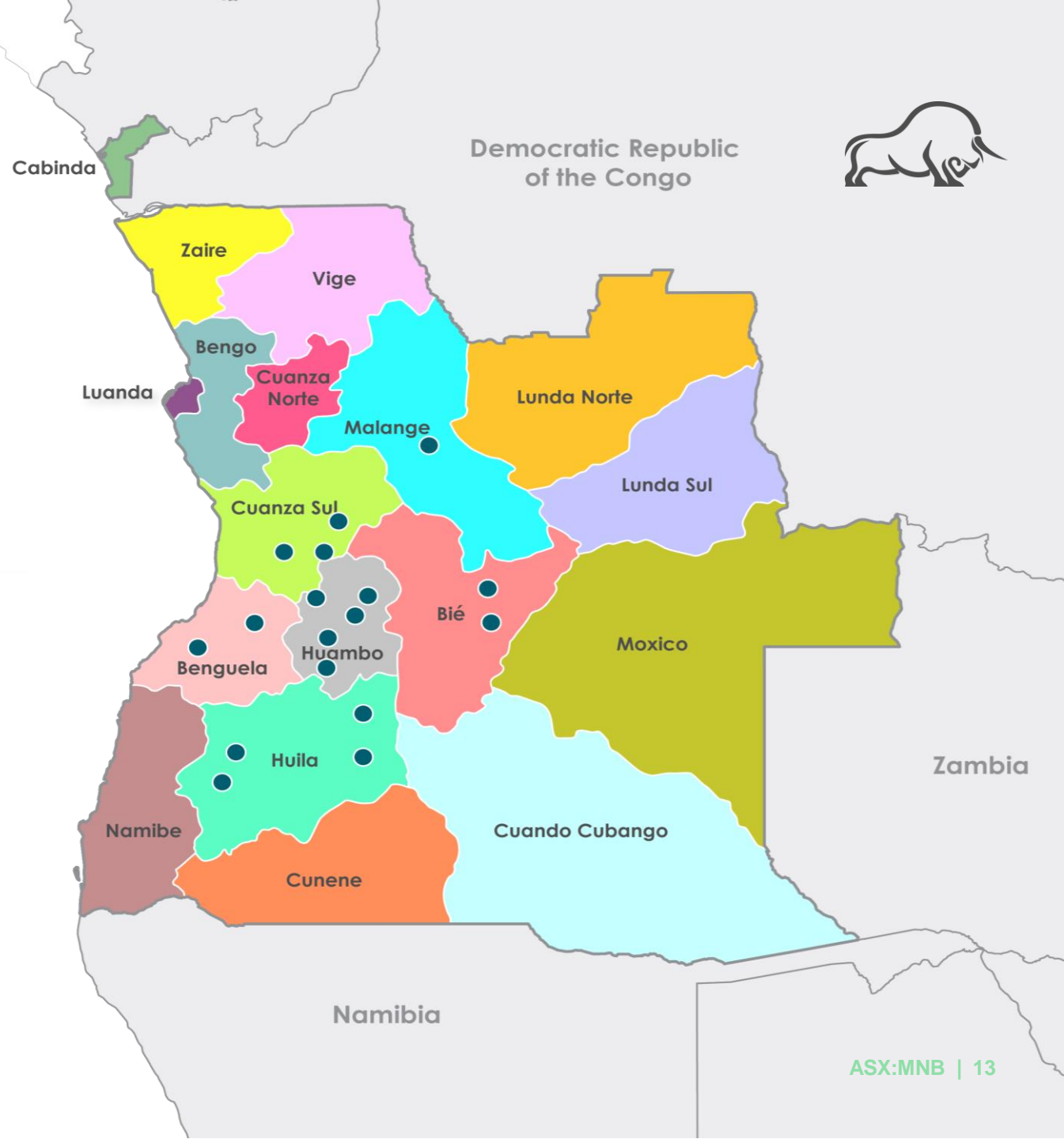
# Agronomic Trials

The Instituto de Investigação Agronómica (IIA) It has been conducting field trials since 2019 in six provinces.

**FIRST performs almost as well as WSP sources across all in tests in the first year. Better in some experiments.**



● Average Relative Agronomic Index (MAP=100)

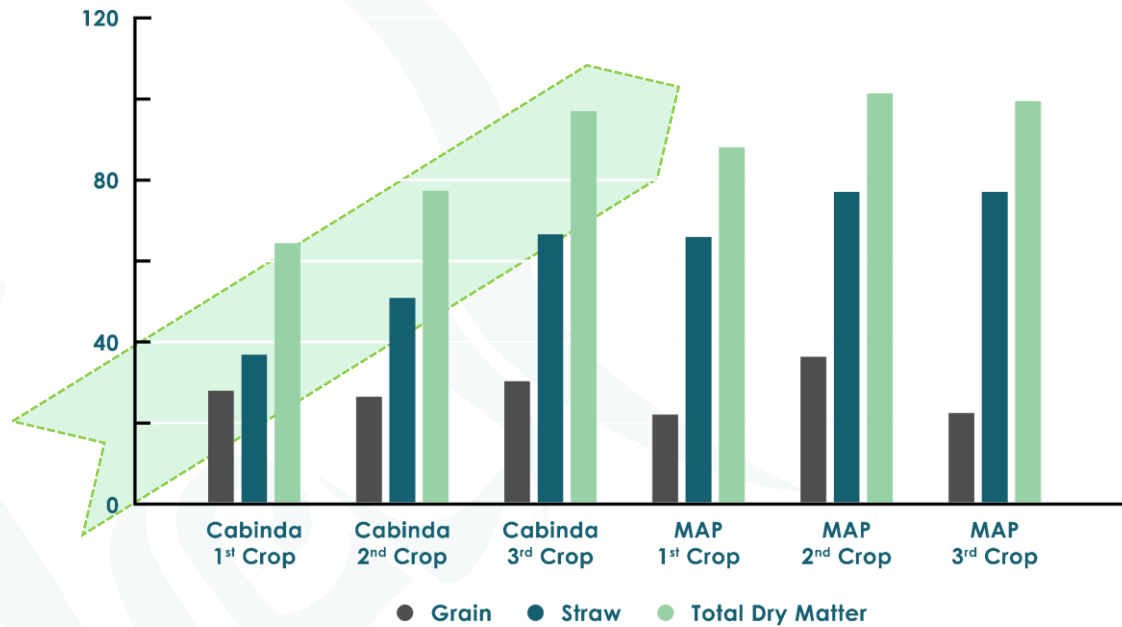




# Greenhouse Trials

Greenhouse tests since 2017 at the International Fertilizer Development Centre (IFDC), USA.

**PRIMEIRO**, a single application performs well in Year 1, and performs better in Years 2 and 3.







# PROFILE

## SISTEMA DE SUPORTE NA DECISÃO NO USO DE FOSFATO DE ROCHA





# Biocom Field Trial Sugarcane

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*Theoretical*  
**RAE = 93%**



Minbos Field Trial



**PRIMEIRO**  
FERTILIZANTE DE ROCHA FOSFÁTICA

VS

Soluble P

- Made in Angola
- Better without limestone
- Suitable for small farmers
- Cheap

- Import
- Best with limestone
- Suitable for commercial farms
- More expensive

COMPLIMENTARY



**PRIMEIRO**  
FERTILIZANTE DE ROCHA FOSFÁTICA

# Investment in phosphorus



A Fertilization Incorporation in  
the First Year



WSP Groove Application in  
each year



# Primeiro

- Cabinda Phosphate
- Training



# Segundo

- Soluble P
- Limestone



# Futuro

- Soil Health
- Best practices





