#### United Nations Conference on Trade and Development

13th Multi-Year Expert Meeting on Commodities and Development

10-12 October 2022, Geneva

#### Scaling up phosphate fertilizers utilization in developing countries

By

Jihane Ajijti, Head of Stakeholder Engagement, Office Chérifien des Phosphates, Morocco

The views expressed are those of the author and do not necessarily reflect the views of UNCTAD.

## UNITED NATIONS CONFERENCE ON TRADE AND DEVELOPMENT

Scaling up phosphate fertilizers utilization in developing countries | Oct. 2022 Mrs. Jihane Ajijti, Head of Stakeholder Engagement

## THE FOOD CHALLENGE: FERTILIZERS, AN INDISPENSABLE PREREQUISITE FOR AGRICULTURAL YIELD GROWTH

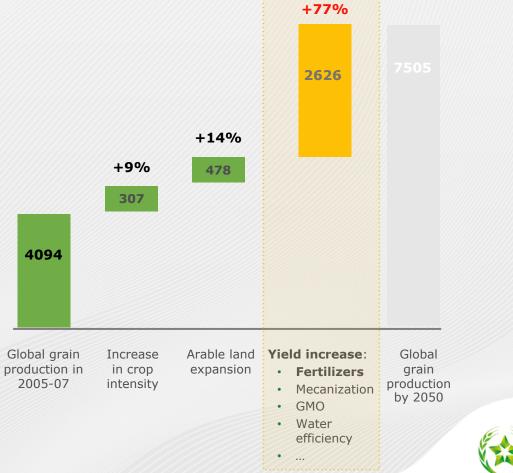
#### **Population Growth** (billion inhabitants)



Arable land per inhabitant (hectare)

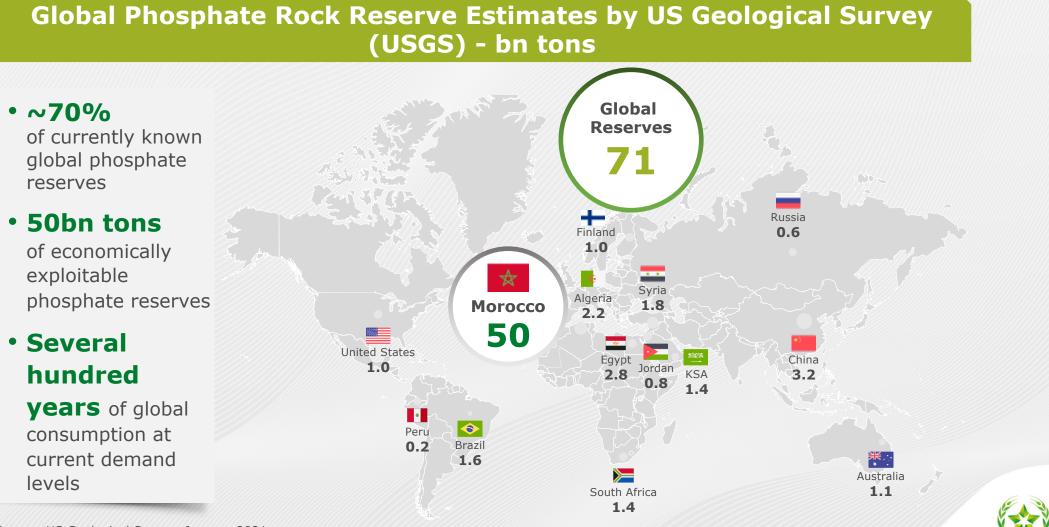


#### **Evolution of global grain production by 2050** (in million tons)





## **EXCLUSIVE ACCESS TO THE WORLD'S LARGEST PHOSPHATE RESERVES**

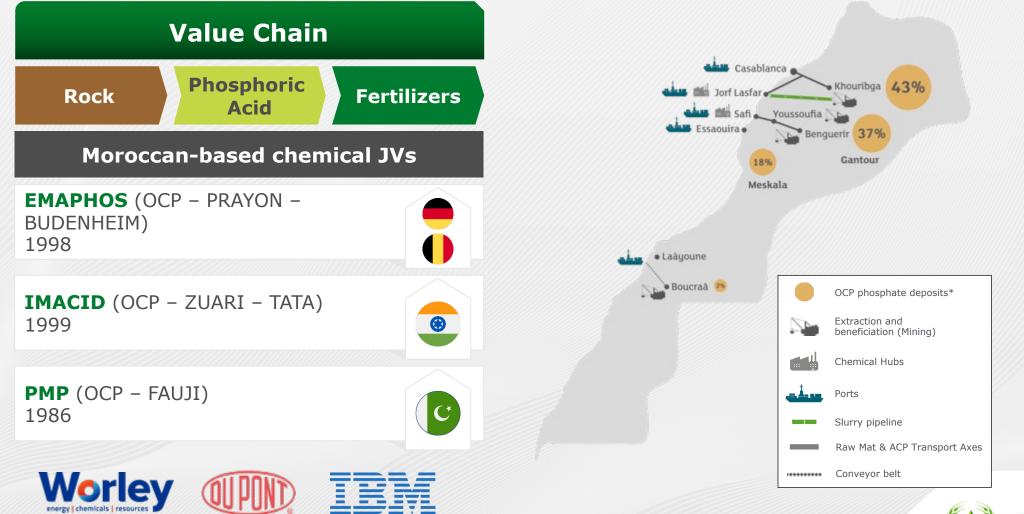


Source: US Geological Survey, January 2021

## OCP: A CENTURY OF KNOWLEDGE AND EXPERTISE



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\*Sources: US Geological Survey (USGS) / International Fertilizer Development Center (IFDC)



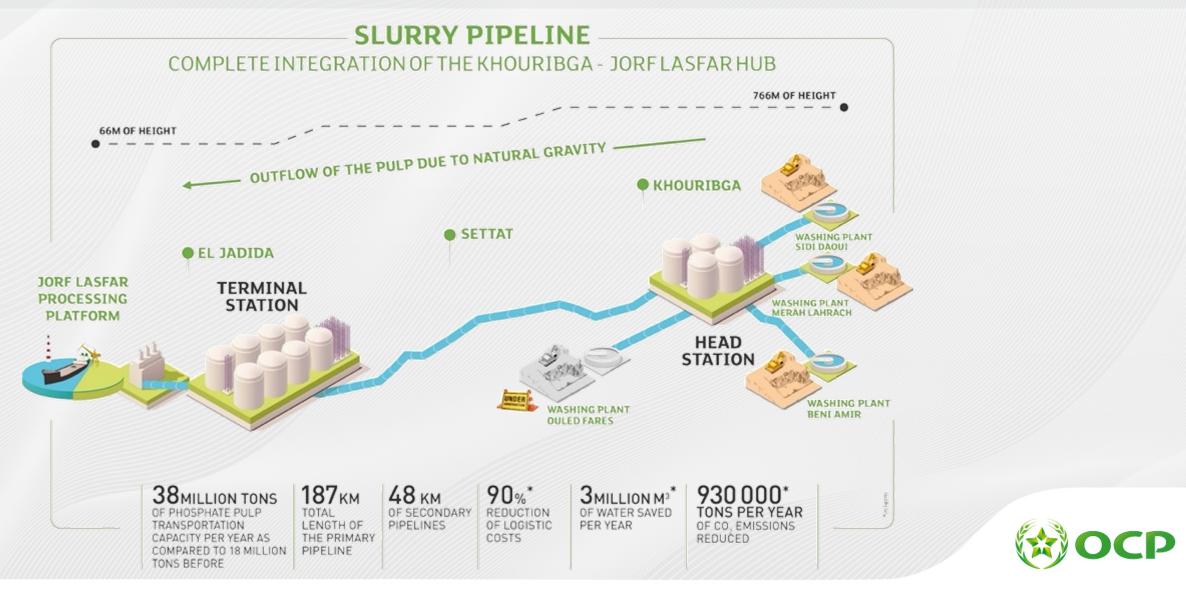
## **KHOURIBGA**



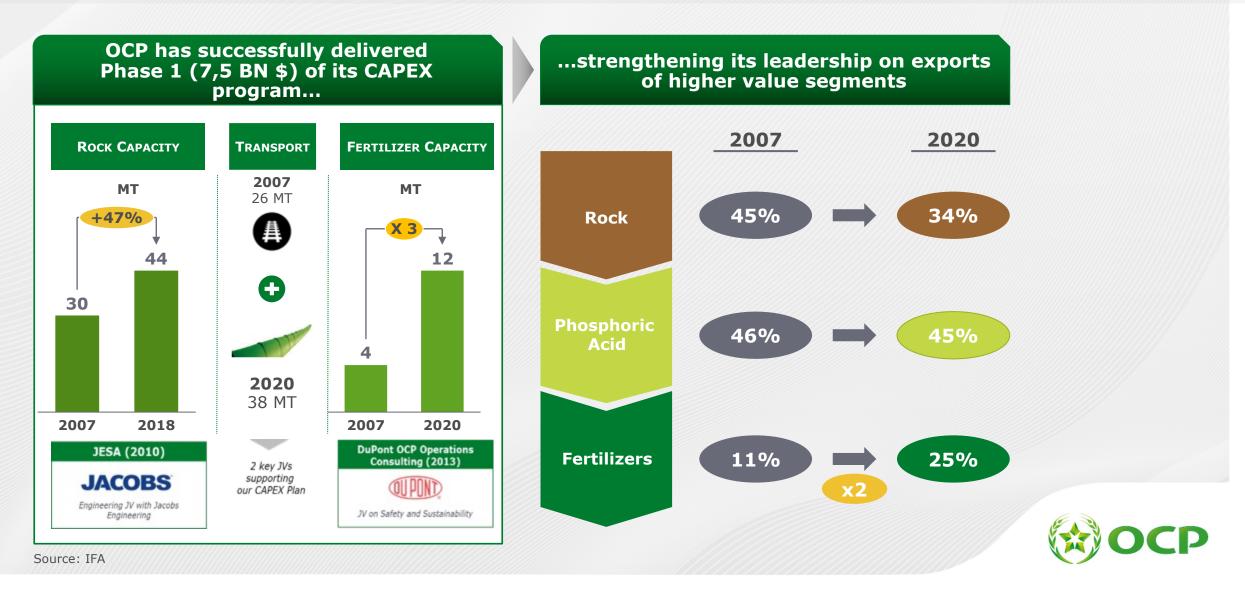


## **SLURRY PIPELINE :**

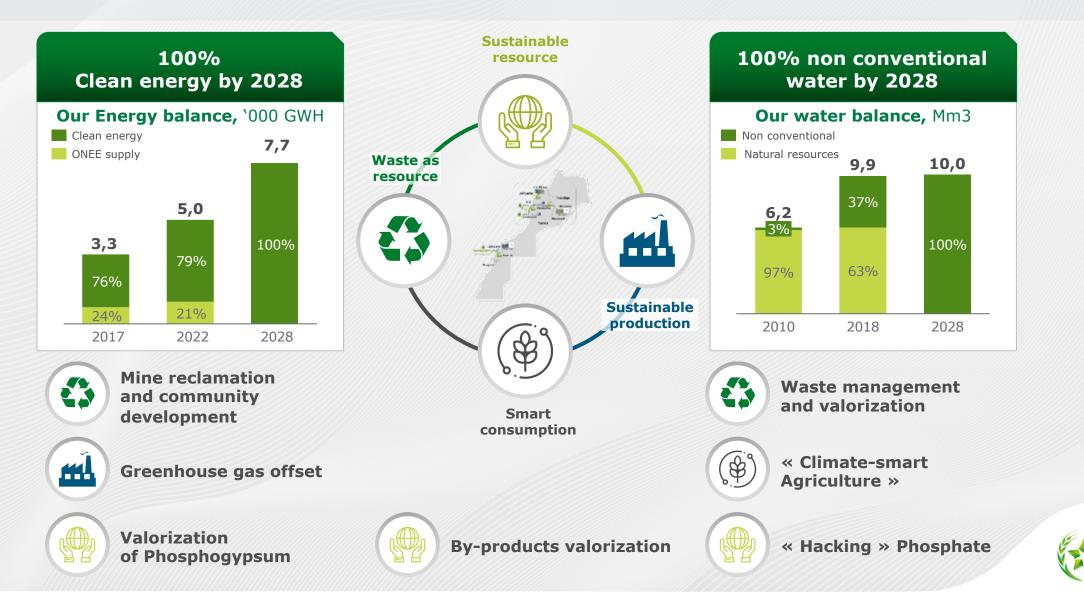
## **A LANDMARK INVESTMENT OPERATING SINCE 2014**



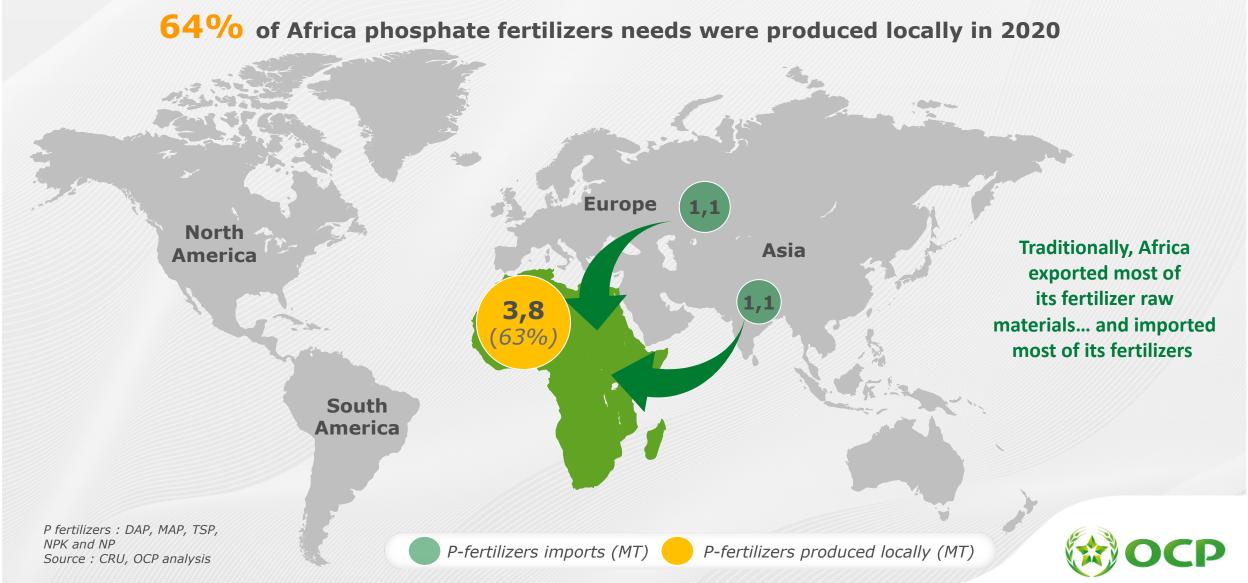
## OVER THE LAST DECADE, OCP STRENGTHENED ITS LEADERSHIP THROUGH ITS INVESTMENT PLAN...



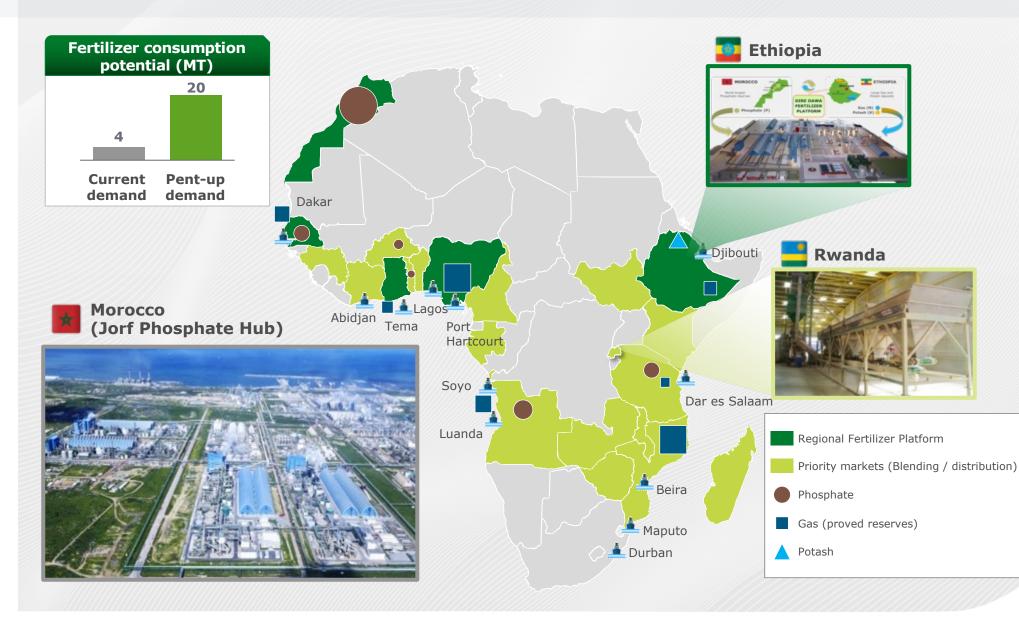
## A SUSTAINABLE EXPANSION PLAN CREATING LOCAL VALUE



## NOW, RAW MATERIALS ARE INCREASINGLY TRANSFORMED IN AFRICA FOR AFRICA



## **TRANSFORMING AFRICAN RESOURCES FOR AFRICAN AGRICULTURE**





## **ACTION FOR TRANSFORMATION FOR FOOD SYSTEM & AGRICULTURE**

Farmers as change makers to Reconcile productivity & sustainability

## Restoring the Health & Fertility of Soils

- Soil mapping
- 4R's stewardship
- customization

## Farmers livelyhoods & a vibrant rural economy

- Agribooster
- OCP School Lab
- Farm&Furtune Hub
- Al Moutmir



**Farmers centred solutions** 

#### Nutrition Sensitive agriculture for healthy diets

- R&D for higher nutritional value for fruits & Vegetables
- Center of Excellence for African orphan crops





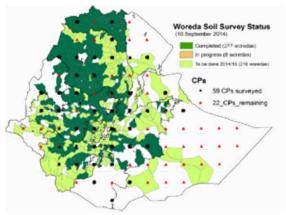
Source: OCP 2021 GRI report

### FERTILIZER CUSTOMIZATION BENEFITS THE FARMERS IN TWO WAYS: HIGH YIELD AND LOWER PRICES

DAP

NPS+

#### Development of customized fertilizers for Ethiopian soils and crops



 EthioSIS, a detailed soil fertility map defining the nutrient needs of Ethiopian soils and crops

Development of customized fertilizers (NPS & NPS+) that increased yield up to 37% at lower price

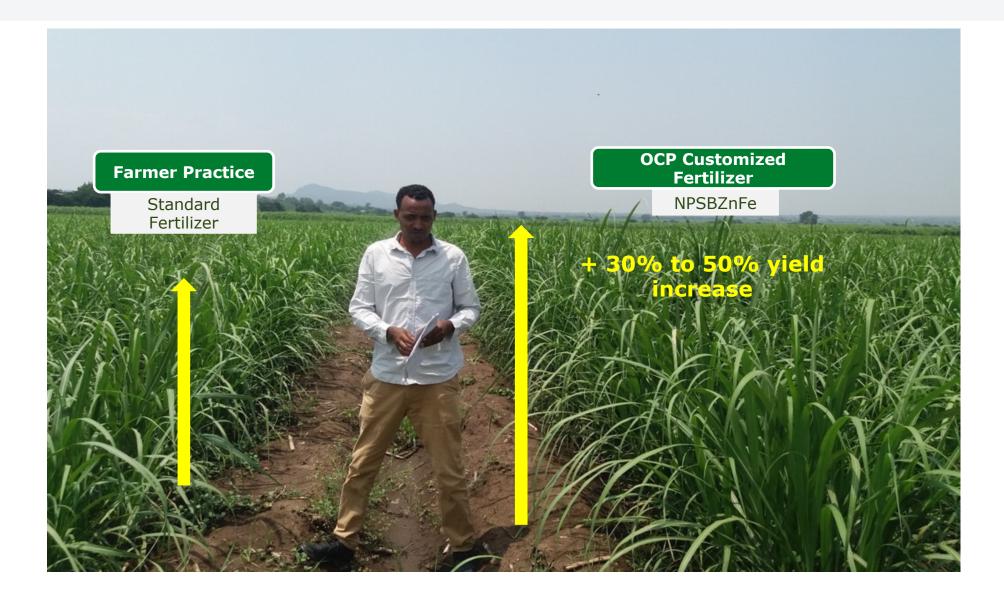


Ethiopian demand evolved towards customized fertilizers (P-Fertilizer volumes in kT)

X% OCP Market Share

#### **SUGARCANE - ETHIOPIA**





#### **MAIZE - TANZANIA**







## OCP'S APPROACH TO UNLOCK FERTILIZER DEMAND IN AFRICA: CUSTOMIZED FERTILIZATION



CP

## TO EMPOWER THE CUSTOMIZED APPROACH WE DEVELOPPED A FARMER CENTRIC ONE WHICH ENABLED OCP AFRICA TO SUPPORT MORE THAN 1.5 MILLION FARMERS BY THE END OF 2021....



**Trained and supported** 

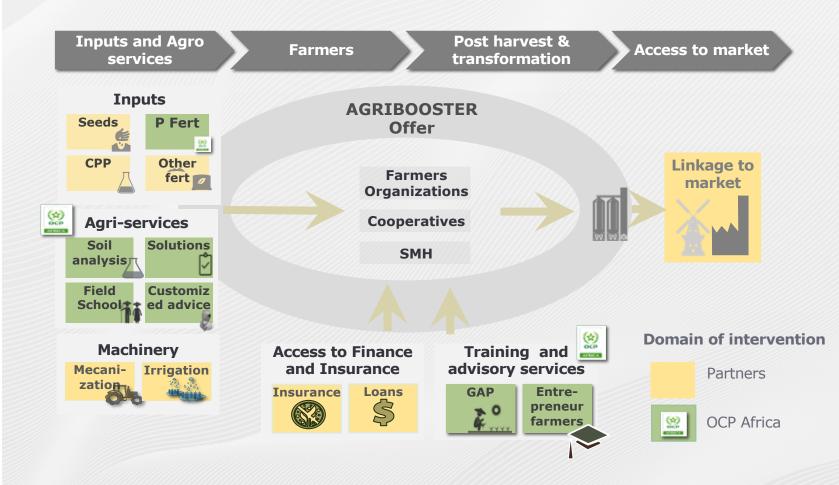


## FIRST PROGRAM DEPLOYED IS OCP SCHOOL LAB WHICH IS FOCUSING ON FERTLIZER RECOMMANDATION AND FARMER TRAINING ON BEST AGRONOMIC PRACTICES





## AGRBIBOOSTER PROGRAM IS AN END-TO-END VALUE CHAIN SOLUTION THAT IS FOCUSING ON SHIFTING SHFs FROM SUBSISTENCE TO COMMERCIAL FARMING



## **780k Farmers**

Agribooster is a unique initiative for food crops that provides farmers with support for every aspect of the agricultural value chain.

Through Agribooster, we are connecting farmers to financing and insurance, working with local extension agents to train them on proper fertilizer use, collaborating with other providers to ensure they have the right fertilizer and other inputs.

Increase in yields : 48% to 133%\*



Major crops : rice & Maize



**4** countries



## FARMER HOUSES : EMPOWERING YOUNG AGRI- ENTREPRENEUR TO PROVIDE CONTINUOUS SUPPORT TO SMALLHOLDERS

+

## **FARMER HOUSES**

Develop OSS in underserved areas with huge agricultural potentials. Target of > 340 Farmer Houses by 2025

**~80** opened in **>18** states in Nigeria

FARM FORTUNE

Cameroon

Keny

Planned at 2025

## 260 kFarmers

trained and 415k farmers reached through input supply



## AGRIPROMOTER

Delivery and field workers (training, extension services, demos)



65 agripromoters Trained and implemented

Empowering African Youth Program (EMAY)

"Last Mile" Laboratory Service



20 young leaders Trained at End of 2021



# Thank you



## BACK UP SLIDES

DIGITAL ARMING US WITH A NEW SOURCE OF COMPETITIVE ADVANTAGE BY UNLEASHING UNTAPPED VALUE WITHIN THE AGRICULTURE DIGITAL TRANSFORMATION.

## UDONGO : an Agritech platform aiming to offer a full range of products & agri-services +2.7 MILLION

Target of farmers reached 2022-2025 by Udongo platform via value chain players



**FARM MANAGEMENT FEATURES** Farmer database Farm Mgt Calender Geolocalisation

AGRONOMY FEATURES Agronomy content Agro + : nutrient management platform





## SUPPORTING AFRICAN YOUTH IS SUPPORTING THE FUTURE OF AFRICA



## African Innovation & Entrepreneurship Support





retained and supported StartUps including





# Sustainable impact on local ecosystems



