



#### **ANGOLA**





33M Population



**37.6%**Malnourished
Children Under 5



55%

Women in Agricultural Employment



**22.2%**Suffer from
Food Insecurity

%

10.2% Agricultural Share to GDP

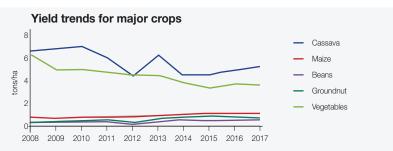


83.17

Climate Risk Index

#### By the Numbers







#### **Quick Wins**





Two private
Angolan
seed companies
with big potential.



Government support for accelerated growth of the national seed sector in Angola.

#### **Our Vision**

Strategic investment in the Angolan seed system will spur farmers to reverse decades of declining productivity through the cultivation of higher-yielding, more resilient seed.



1000+ NEW AGRO-DEALERS CREATED



5 NEW PRIVATE SEED COMPANIES ESTABLISHED



204% INCREASE IN QUALITY SEEDS



Improved varieties

**Total Investment: 7.70 Million** 





#### **BENIN**





**12M**Population



**32.2%**Malnourished
Children Under 5



**33%**Women in Agricultural Employment



**40.1%**Suffer from
Food Insecurity

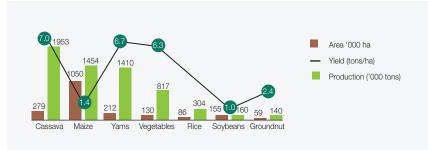
%

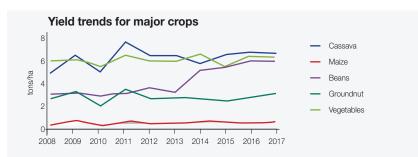
**25.6%**Agricultural Share to GDP



107.5 Climate Risk Index

#### By the Numbers







#### **Quick Wins**





#### **Our Vision**

Strategic investment in the Beninese seed system will spur farmers to reverse decades of declining productivity through the cultivation of higher-yielding, more resilient seed.



650 NEW AGRO-DEALERS CREATED



5+ NEW PRIVATE SEED COMPANIES ESTABLISHED



181% INCREASE IN QUALITY SEEDS



Improved varieties

**Total Investment: 5.56 Million** 



#### **BURUNDI**





12M Population



56% Malnourished Children under 5



84%

Women in Agricultural **Employment** 



15% Suffer from Food Insecurity

10.2% Agricultural Share to GDP

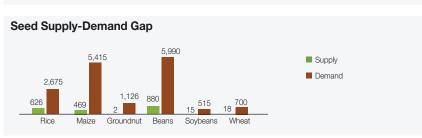


73 Climate Risk Index

#### By the Numbers 3.3



#### Yield trends for major crops Cassava Maize Rice Sorghum 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017



#### **Quick Wins**





#### **Our Vision**

A strategic investment in the seed system in Burundi will raise the farms reduced productivity thanks to the cultivation of seeds at higher performance and more resilient.



**500** NEW **AGRO-DEALERS CREATED** 



**NEW PRIVATE SEED COMPANIES ESTABLISHED QUALITY SEEDS** 



**70**% **INCREASE IN** 



**INTRODUCED Improved** varieties

**Total Investment: 4.74 Million** 



#### **CAMEROON**





**26M**Population



**31.7%**Malnourished
Children under 5



**47**%

Women in Agricultural Employment



16% Suffer from Food Insecurity

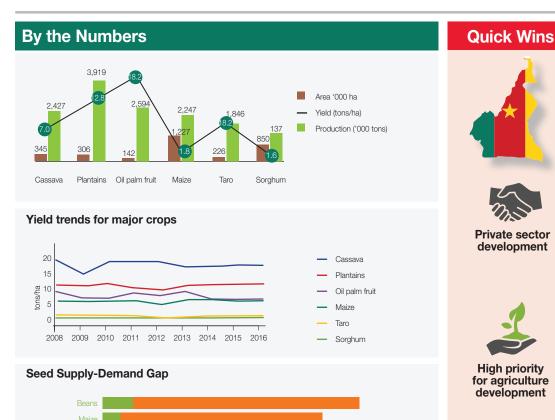
%

**23.1%**Agricultural Share to GDP



97

Climate Risk Index



#### **Our Vision**

Strategic investment in Cameroon's seed system will spur producers to end decades of declining productivity by growing higher yielding and more resilient seeds.



500+ NEW AGRO-DEALERS CREATED



NEW PRIVATE SEED COMPANIES



COMPANIES INCREASE IN ESTABLISHED QUALITY SEEDS



**Total Investment: 4.63 Million** 



#### **CHAD**





16M Population



39.8% Malnourished Children Under 5



81%

Women in Agricultural **Employment** 



25.6% Suffer from Food Insecurity

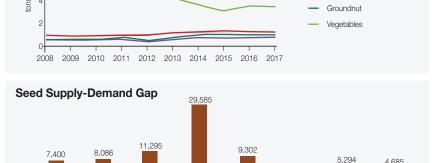
59% Agricultural Share to



116

Climate Risk Index

#### By the Numbers Area '000 ha Yield (tons/ha) Production ('000 tons) Sorghum Groundnut Millet Yield trends for major crops Maize



Millet

**Quick Wins** 



Vast, underutilized agricultural lands



**National consensus** on public-private seed supply model

#### **Our Vision**

369

Rice

Strategic investment in the Chadian seed system will spur farmers to reverse decades of declining productivity through the cultivation of higher-yielding, more resilient seed.

491

Maize



Groundnut

824

Sorghum

**500 NEW AGRO-DEALERS CREATED** 



108 1,629

Cowpea

**NEW PRIVATE SEED COMPANIES ESTABLISHED** 



4,685

Berbere

157% **INCREASE IN QUALITY SEEDS** 



**Improved** varieties INTRODUCED

**Total Investment: 5.55 Million** 



#### **CONGO REPUBLIC**





5.3M Population



21% Malnourished Children Under 5



36% Women in Agricultural **Employment** 



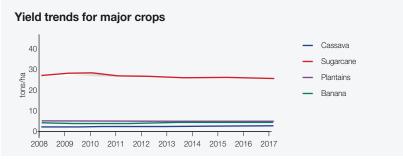
48% Suffer from Food Insecurity

59% Agricultural Share to GDP



116 Climate Risk Index

#### By the Numbers Area '000 ha Yield (tons/ha) Production ('000 tons) 12 Sugarcane Plantains Banana



## **Quick Wins** Strong leadership in agricultural research



#### **Our Vision**

Strategic investment in the Congo Republic seed system will spur farmers to reverse decades of declining productivity through the cultivation of higher-yielding, more resilient seed.



300 NEW **AGRO-DEALERS CREATED** 



**NEW PRIVATE SEED COMPANIES ESTABLISHED** 



35% **INCREASE IN** QUALITY SEEDS INTRODUCED



**Improved** varieties

**Total Investment: 4.21 Million** 



#### **CÔTE D'IVOIRE**







**26M**Population



**21.6%**Malnourished
Children Under 5



**40%**Women in Agricultural





**26.8%**Suffer from
Food Insecurity

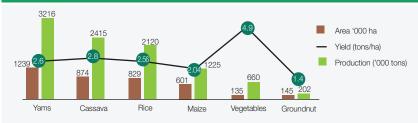


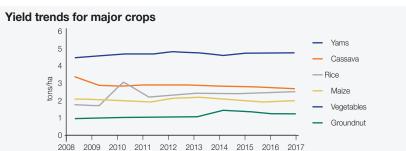
17.4%
Agricultural Share to GDP

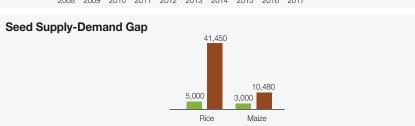


77.67
Climate Risk Index

#### By the Numbers







#### **Quick Wins**





Strong history of public-private partnership in agriculture



Large cadre of agricultural scientists

#### **Our Vision**

Strategic investment in the Cote D'Ivoire seed system will spur farmers to reverse decades of declining productivity through the cultivation of higher-yielding, more resilient seed.



**750**NEW
AGRO-DEALERS
CREATED



6+ NEW PRIVATE SEED COMPANIES ESTABLISHED



100% INCREASE IN QUALITY SEEDS



Improved varieties

**Total Investment: 5.39 Million** 



#### **DR CONGO**





**89M**Population



**42.7%**Malnourished
Children Under 5



**68%**Women in Agricultural Employment



**70%**Suffer from
Food Insecurity

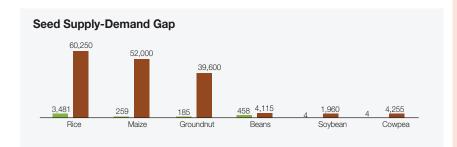
%

**21.1%**Agricultural Share to GDP



**59**Climate Risk Index

#### By the Numbers Area '000 ha Yield (tons/ha) Production ('000 tons) 4800 2018 1100 1205 0.8 918 141 411 Yield trends for major crops Cassava 6 Maize Rice Plantains Groundnuts Beans 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017



## 4

**Quick Wins** 



New government giving high priority to agriculture



Dynamic emerging local seed companies

#### **Our Vision**

Strategic investment in the Democratic Republic of the Congo seed system will spur farmers to reverse decades of declining productivity through the cultivation of higher-yielding, more resilient seed.



1000 NEW AGRO-DEALERS CREATED



8 NEW PRIVATE SEED COMPANIES ESTABLISHED



310%
INCREASE IN
QUALITY SEEDS



Improved varieties

**Total Investment: 7.47 Million** 



#### **ERITREA**





**5M**Population



**52%**Malnourished
Children Under 5



**66%**Women in Agricultural Employment



**66%**Suffer from
Food Insecurity

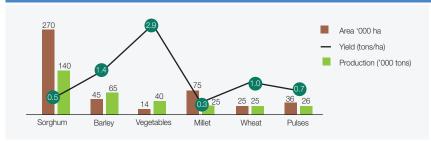
%

11.7% Agricultural Share to GDP

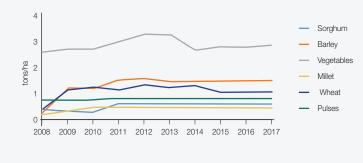


116 Climate Risk Index

#### By the Numbers



#### Yield trends for major crops



#### **Quick Wins**



#### **Our Vision**

Strategic investment in the Eritrea seed system will spur farmers to reverse decades of declining productivity through the cultivation of higher-yielding, more resilient seed.



2+
NEW PRIVATE
SEED
COMPANIES
ESTABLISHED



35% INCREASE IN QUALITY SEEDS



INTRODUCED



#### **GUINEA**





13M Population



30.3% Malnourished Children Under 5



70% Women in Agricultural **Employment** 



46.5% Suffer from Food Insecurity

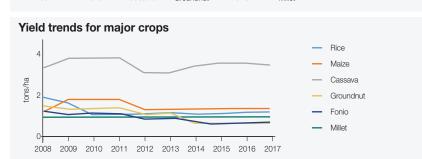
19.5% Agricultural Share to **GDP** 

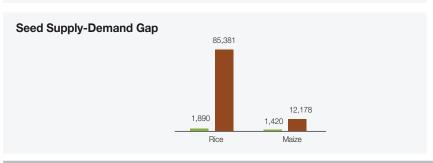


Area '000 ha Yield (tons/ha) Production ('000 tons)

116 Climate Risk Index

## By the Numbers Millet





## **Quick Wins**





Huge, untapped agricultural potential



#### **Our Vision**

Strategic investment in the Guinea seed system will spur farmers to reverse decades of declining productivity through the cultivation of higher-yielding, more resilient seed.



**600 AGRO-DEALERS CREATED** 



**NEW PRIVATE** SEED **COMPANIES ESTABLISHED** 



157% **INCREASE IN QUALITY SEEDS** 



**Improved** varieties **INTRODUCED** 

**Total Investment: 4.94 Million** 



#### **MADAGASCAR**





28M Population



**54.8%**Malnourished
Children Under 5



65%
Woman in Agricu

Women in Agricultural Employment



**70.7%**Suffer from
Food Insecurity

%

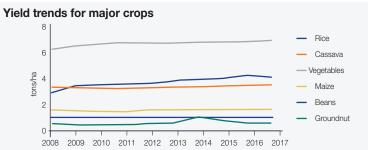
**23.7%**Agricultural Share to GDP

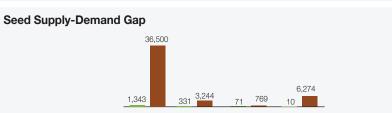


15 Climate Risk Index

#### By the Numbers







#### **Quick Wins**





Huge potential for closing yield gaps through improved seed



#### **Our Vision**

Strategic investment in the Madagascar seed system will spur farmers to reverse decades of declining productivity through the cultivation of higher-yielding, more resilient seed.



750 NEW AGRO-DEALERS CREATED



8+
NEW PRIVATE
SEED
COMPANIES
ESTABLISHED



180%
INCREASE IN
QUALITY SEEDS



Improved varieties

**Total Investment: 6.25 Million** 



#### **NIGER**





**24M**Population



**40.6%**Malnourished
Children Under 5



**71%**Women in Agricultural Employment



**25.6%**Suffer from
Food Insecurity

%

**41.5%**Agricultural Share to GDP



**26.5**Climate Risk Index

#### By the Numbers **Quick Wins** 6,998 Area '000 ha 5,178 Yield (tons/ha) 3,821 Production ('000 tons) ,959 Sorghum Yield trends for major crops Pearl millet Cowpea Sorghum Groundnut Several well-Rice managed, private seed companies 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 **Seed Supply-Demand Gap** 129,463 7<u>3,72</u>0 Strong national capacity in crop 5<u>5,99</u>0 38,207 breeding 7.268 1.198 Perl millet Sorghum Groundnut

#### **Our Vision**

Strategic investment in the Niger seed system will spur farmers to reverse decades of declining productivity through the cultivation of higher-yielding, more resilient seed.



800 NEW AGRO-DEALERS CREATED



5+ NEW PRIVATE SEED COMPANIES ESTABLISHED



195% INCREASE IN QUALITY SEEDS



Improved varieties

**Total Investment: 6.29 Million** 



#### **SENEGAL**





16M Population



55% Malnourished Children under 5



60%

Women in Agricultural **Employment** 



17% Suffer from Food Insecurity

17% Agricultural Share to GDP



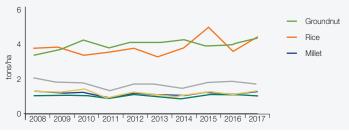
110

Climate Risk Index

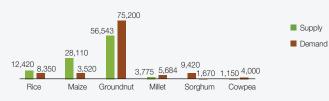
#### By the Numbers



### Yield trends for major crops



#### **Seed Supply-Demand Gap**



#### **Quick Wins**





Huge, untapped agricultural growth potential



**Strong** partnerships between the national research system and CG Centers

#### **Our Vision**

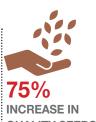
Strategic investment in Senegal's seed system will spur producers to end decades of declining productivity by growing high-yielding, more resilient seeds.



350 **NEW AGRO-DEALERS CREATED** 



**NEW PRIVATE 75% SEED COMPANIES ESTABLISHED QUALITY SEEDS** 





**Total Investment: 4.14 Million** 

#### **SIERRA LEONE**





**8M**Population



**54.8%**Malnourished
Children Under 5



**24%**Women in Agricultural Employment



**31%**Suffer from
Food Insecurity

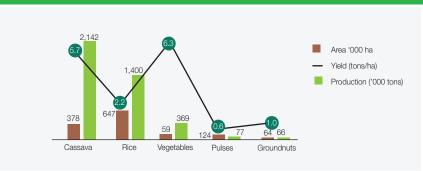
%

**60.7%**Agricultural Share to GDP



15.67 Climate Risk Index

#### By the Numbers



#### Yield trends for major crops



#### **Quick Wins**



#### **Our Vision**

Strategic investment in the Sierra Leone's seed system will spur farmers to reverse decades of declining productivity through the cultivation of higher-yielding, more resilient seed.



2+
NEW PRIVATE
SEED
COMPANIES
ESTABLISHED



35% INCREASE IN QUALITY SEEDS



**Total Investment: 4.06 Million** 



#### **TOGO**





**7.8M**Population



**32%**Malnourished
Children Under 5



**34%**Women in Agricultural

**Employment** 



**30%**Suffer from
Food Insecurity

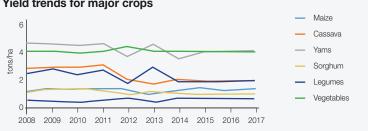
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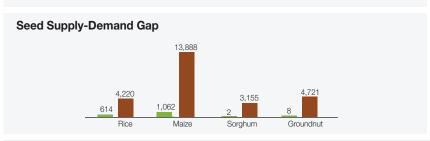
**28%**Agricultural Share to GDP



106 Climate Risk Index

# By the Numbers Area '000 ha Yield (tons/ha) Production ('000 tons) Yield trends for major crops Maize Cassava Yams Area '000 ha Yield (tons/ha) Production ('000 tons) Area '000 ha Yield (tons/ha) Production ('000 tons) Area '000 ha Yield trends for major crops — Maize — Cassava — Yams





#### Quick Wins



High priority for seed systems development at national level



supply

#### **Our Vision**

Strategic investment in the Togo seed system will spur farmers to reverse decades of declining productivity through the cultivation of higher-yielding, more resilient seed.



600 NEW AGRO-DEALERS CREATED



6+
NEW PRIVATE
SEED
COMPANIES
ESTABLISHED



82% INCREASE IN QUALITY SEEDS



Improved varieties

**Total Investment: 4.51 Million** 











