# Decision Guide

Guiding Investments in the Seed Sector

Walter S. de Boef & Ninja Lacey



On to step 2: Sector assessments **Finally step 3:** Sector investments







# Supporting the development of a seed sector investment portfolio



The Netherlands Government in the implementation of its international trade and international collaboration policy distinguishes countries in different categories with implications on value and type of investments by Embassies of the Kingdom of the Netherlands (EKN) and/or funding instruments managed by the Netherlands Enterprise Agency (RVO).

Over the past decades, EKNs and RVO have invested significantly in the seed sector within a context of contributing to an increase of food security and nutrition, to promote private sector development, and contribute to more inclusive and sustainable food systems. A quick scan of the Dutch investments in the period of 2018-2022 illustrated that approximately 250m€ was invested in the seed sector.

SeedNL was set up by the Netherlands Ministries of Foreign Affairs (MoFa) and Agriculture, Fisheries, Food Security and Nature (LVVN), together with Plantum, the Netherlands Seed Trade Association, and NAO, the Netherlands Potato Organization. It aims to contribute to better coordination and alignment of all parties involved in supporting the seed sector as well as support networking and convening seed sector stakeholders in the Netherlands and particularly in Africa and Asia, with the aim to enhance smallholder farmers' access to and use of quality seed of improved varieties.

This decision guide assists EKNs and RVO staff, but also their partners in Africa, Asia and the Netherlands, in the development of a seed sector investment portfolio. The guide uses a three step approach. It first places the country within the Netherlands'

policies and explores the degree to which seed is prioritized or relevant to the multi-annual plan applicable to the country. Subsequently, through assessment and design steps, the guide identifies challenges and partnership opportunities. These are then used to develop an investment portfolio and plan which are matched to the available investment instruments with EKN and RVO. The assessment and design steps are guided by an earlier published guide<sup>1</sup>. The current document operates as an interactive tool in which its users can select choices and steps. It provides a diversity of examples for the choices to be made.

The guide is a product of SeedNL in collaboration with Wageningen University & Research.

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1] De Boef, W.S. & M.H. Thijssen, 2023. Guide for designing a national seed road map. Wageningen University & Research, Wageningen (link)

# The role of SeedNL in the three steps



SeedNL focuses on a systems approach to seed sector development, as part of a broader food system approach. Integrated seed sector development principles are made central to this approach by taking into account the different seed systems and their actors in a country, including the private and public sector, the informal sector and farmers.

In the first step described in this guide, SeedNL works with a multitude of stakeholders to broadly explore the challenges and opportunities in the seed sector of a country. Activities in this step include bilateral talks with EKNs and preliminary advising

and consulting relevant seed sector stakeholders in the Netherlands and in the country in question.

In the second step, SeedNL supports the analysis of the seed sector in a given country, with consultation of all actors involved. Such analyses can take the form of assessments, scoping studies, and/or national road map trajectories. SeedNL can play a role in coordinating and/or designing such analyses.

**In the third step**, SeedNL supports the design of new initiatives and advises on the implementation of ongoing Dutch investments and partnerships - ideally

informed by a <u>national seed road map</u>. For example, SeedNL can support the set-up of a bilateral seed partnership, such as the <u>Nigeria Netherlands Seed Partnership</u>. SeedNL also actively extracts <u>lessons learned from current and finalized partnerships</u> and/or projects.

Though a diverse array of options are mentioned in this tool, SeedNL emphasizes that seed sector development is not achieved through a one-off project, but rather through long-term investment and integrated multistakeholder intervention.

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# **Explaining step 1: Country scan**



In Step one, place your country within the Netherlands' MoFa policies and explore the degree to which seed is prioritized or whether an other sector takes priority. What is the status of the country within MoFA policy for international collaboration:

- **Broad** development cooperation
- **Specific** development cooperation
- Combination of international trade and development cooperation
- Private Sector Development

Step 1
Country scan

Step 2
Sector assessments and scoping

Step 3
Sector investments

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# **Explaining step 2: Assessments and scoping**

and scoping

Step two follows up on the country scan in step one, and helps you identify challenges and partnership opportunities

- Informal consultations (SeedNL)
- Conduct assessment (study)
- Facilitate trade missions
- Develop a road map
- Develop an investment and partnership portfolio/plan

Step 1

**Country scan** 

Assessment	Instrument	Further explanation	
Informal EKN consultations	Bilateral consultations	Consult EKN and RVO on interests, existing strategies, current project portfolio, etc.	
Seed sector assessment	RVO study	Within MLS/CombiTrack explore networks, compile information, review country policies and strategies, consult partner country and Dutch stakeholders, and assess challenges and opportunities for partnership and sector development	
Trade mission to partner country	RVO trade mission	With Dutch seed sector stakeholders visit partner country to explore partnership opportunities and assess challenges for fostering partnerships and sector development	
Seed sector road map	RVO study	Based on assessment outcomes with either a comprehensive national seed road map or targeted road map (e.g., seed in horticulture) elaborate innovation and investment opportunities	



### **Explaining step 3: Sector investments**



Step three helps you explore options for sector investments, based on the assessment in step two.

#### 1: EKN seed sector investments

**a.** National seed sector development project

Step 1

**b.** Partner country – Netherlands Seed Partnership (portfolio of investments)

# 2: Portfolio of combined RVO options

- a. Partnership for private sector investments (Impact cluster-RVO/ PSD toolkit)
- **b.** Knowledge exchange for business development (RVO/K2B)
- **c.** Government to Government collaboration (RVO/G2G)
- **d.** Seed or sector trade fairs (RVO/TF)
- e. (Seed) trade missions (RVO/TM)
- **f.** Seminar & studies (RVO/S&S)
- **g.** (Seed) sector platforms (RVO/PSD)

# **3: Additional instruments and other investments**

- **a.** Dutch instruments like the Seed Laws Toolbox and the Top Sector International Seed Money Projects
- **b.** Investment in the seed sector through existing ongoing projects
- c. Investments through other donors, such as the EU and the World Bank

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Sector assessments and scoping

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# **Explaining step 3: Description of investors / partners**

Investors/partners	Instrument	Further explanation
national seed programme	EKN funding	Multiple years; significant investment in seed sector development
partner country - Netherlands seed partnership	EKN / RVO funding	Multiple years; combination of national seed programme and a portfolio of RVO investments
partnership for private sector investment	Impact cluster (RVO/PSD)	Bring various private, public and knowledge stakeholders (NL and partner country) to invest jointly in PSD, in pilot or pre-competitive setting
knowledge exchange for business development	Knowledge 2 Business (RVO/K2B)	Facilitate knowledge organizations to support PSD, for example in demos, GAP, some aspects of seed enabling environment
government to government collaboration	Government to Government (RVO/G2G)	Facilitate collaboration between Govt orgs in NL and partner country for example in capacity development and fostering the enabling environment (PVP, variety release, quality assurance, phytosanitary aspects)
seed trade fairs	Trade fairs (RVO/TF)	Support the organization of trade fairs or participation of Dutch and partner country seed stakeholders in trade fairs relevant at national, regional and international levels
seed trade missions	Trade missions to NL (RVO/TM)	Facilitate and organize trade missions of seed sector stakeholders from partner countries to the Netherlands, and vice versa
seed seminars and studies	Seminars and studies (RVO/S&S)	Conduct specific seminars and studies to support detailed aspects of seed PSD and FNS, and foster innovations in the seed enabling environment
(seed) sector platforms	PSD toolkit (RVO/PSD)	Establish a platform for stakeholders to discuss seed sector challenges and jointly work on intervention strategies

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# Step 1: Country scan



# 1A: Select your country within MoFA policy for international cooperation

Broad development cooperation focus country:	Specific development cooperation focus country:	Combination of international trade and development cooperation country:	Private Sector Development country:	Navigate to: Introduction Decision Tool
Status A	Status B	Status C	Status D	Colophon
Benin	Afghanistan	Bangladesh*	Algeria	Cotophon
Burkina Faso	Bangladesh*	Colombia	Angola	
Burundi	Chad	Egypt *	Libya	
Ethiopia	DRC	Ghana	Moldovia	
Mali	Egypt *	India	Rwanda	
Mozambique	Iraq	Indonesia	Suriname	
Palestinian	Jordan	lvory Coast	Tanzania	
Territories	Kenya*	Kenya*	Zimbabwe	
South Sudan	Lebanon	Morocco		
Sudan	Somalia	Nigeria		
Uganda	Tunisia	Senegal	Step 1A	
Yemen		South Africa		
		Ukraine		

Vietnam

\* Countries with both focus/specific & combination

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# **Step 1B:** Choose whether seed is a priority in EKN's strategy



Broad development cooperation focus country:

Status A

Benin

**Burkina Faso** 

Burundi

Ethiopia

Mali

Mozambique

Palestinian Territories

**South Sudan** 

Sudan

Uganda

Yemen

#### **Guiding questions:**

- 1. What are priority topics and/or sectors in EKN's multi-annual strategy?
- 2. Is the seed sector identified as a priority sector?
- **3.** If not, for what priority topics or sector(s) is the seed sector relevant (food security & nutrition, food system resilience/ HDP, climate change adaptation, youth employment, private sector development, etc)?
- **4.** What is the interest of the partner government in seed sector development? Is a sector strategy or road map available? Is there an interest to develop such a strategy or road map?
- **5.** What is the interest of Dutch seed sector stakeholders investing and seeking partnership in the country?
- **6.** What are current Dutch seed sector and/or seed sector relevant investments in the country? What funding instruments are used (EKN/MoFA/RVO/other)?
- **7.** What are the investments in the seed sector by other donors and development partners?
- 8. What is the ambition level of EKN to develop new investments within its priorities in seed sector development?

Make a choice to proceed to steps 2+3

**Seed is priority** 

or

Other sector is priority

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#### **Seed is priority**

#### What:

Explore and contribute to EKN funded multi-annual seed sector investment

#### How:

- Scoping mission (RVO/PSD toolkit)
- Seed sector assessment (RVO/PSD toolkit)
- Trade mission (RVO/TM)
- National Seed Road Map (RVO/PSD toolkit)
- Development of an investment and partnership platform/portfolio/plan (EKN/ RVO/SeedNL)

#### Example: Nigeria

#### How:

- Seed sector scoping mission to Nigeria EKN,
   LVVN, RVO, SeedNL and other stakeholders
- Seed sector assessment EKN, RVO,
   SeedNL, WUR, Sahel Consulting and NASC
- Design of national seed road map EKN, RVO, SeedNL, WUR, Sahel Consulting and NASC
- Round table discussion on prioritization of topics for collaboration with Dutch seed sector stakeholders – SeedNL and WUR
- Concept note for Collaborative Seed
   Programme and Nigeria-Netherlands Seed
   Partnership (NNSP) SeedNL, WUR, Sahel
   Consulting, and other partners

Note: Nigeria is a former broad development cooperation

**Country Status A** 

Seed is priority

Other sector is priority

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#### **Seed is priority**

- 1: EKN seed sector investment
- **a.** National seed sector development project
- **b.** Partner country Netherlands Seed Partnership (portfolio of investments)

#### 2: Portfolio of combined RVO options

- **a.** Partnership for PS investments (Impact cluster-RVO/PSD toolkit)
- **b.** Knowledge exchange for business development (RVO/K2B)
- Government to Government collaboration (RVO/G2G)
- **d.** Seed or sector trade fairs (RVO/TF)
- e. (Seed) trade missions (RVO/TM)
- f. Seminar & studies (RVO/S&S)
- **g.** (Seed) sector platforms (RVO/PSD)
- **3: Additional instruments and other investments**
- a. Investments through other donors, such as the EU and the World Bank

#### Example: Nigeria

Nigeria-Netherlands Seed Partnership (NNSP) bringing together Dutch investments in the seed and horticulture sector in Nigeria

- **a.** Collaborative Seed Programme WUR, Sahel Consulting, NASC and other partners (EKN)
- **b.** HortiNigeria IFDC and partners
- **c.** Transforming Nigeria's vegetable markets East-West Seed Knowledge Transfer and partners (SDGP)
- **d.** Seeds 4 Change impact cluster NABC and Dutch private seed companies (RVO/PSD)
- **e.** Super trainer horticulture Nigeria WUR and Seeds 4 Change partners (RVO/K2K)
- **f.** Plant Variety Protection Naktuinbouw and NASC (PVP toolbox)
- g. Tailor made training plus on horticulture and entrepreneurship – NABC with Bayero University and other partners (Nuffic)
- **h.** DELIVER Nigeria project GAIN, East-West Seed Knowledge Transfer, WUR and other partners (MoFA)
- i. Trade missions (RVO/TM) and trade fairs (RVO/TF)

Note: the NNSP is one of the flagships of SeedNL

**Country Status A** 

Seed is priority

Other sector is priority

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#### Other sector / topic is priority

#### What:

 Explore opportunities for seed sector investments within prioritized sectors and/or contributing to prioritized topics

#### How:

- Scoping mission (RVO/PSD toolkit)
- Seed sector assessment (RVO/PSD toolkit)
- Trade mission (RVO/TM)
- National Seed Road Map (RVO/PSD toolkit)
- Development of an investment and partnership platform/portfolio/plan (EKN/ RVO/SeedNL)

#### Example: Mozambique

#### How:

- Seed Sector QuickScan EKN and SeedNL
- Seed Sector assessment EKN, SeedNL, Technoserve and WUR
- Landscaping stakeholders, donors and development partners in the seed sector - EKN, SeedNL and WUR
- Agri trade mission of Dutch private sector to Mozambique - EKN, RVO, SeedNL
- Partnership scoping EKN, SeedNL and WUR
- Development of scenarios and modalities contributing to seed sector development - EKN, SeedNL and WUR

Note that assessment and partnership scoping activities are implemented as part of the Mangwana food systems programme supported by EKN and led by Technoserve

#### **Country Status A**

Other sector is priority

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#### Other sector / topic is priority

#### 1: Portfolio of combined RVO options

- a. Partnership for PS investments (Impact cluster-RVO/PSD toolkit)
- **b.** Knowledge exchange for business development (RVO/K2B)
- Government to Government collaboration (RVO/G2G)
- **d.** Seed or sector trade fairs (RVO/TF)
- e. (Seed) trade missions (RVO/TM)
- f. Seminar & studies (RVO/S&S)
- **g.** (Seed) sector platforms (RVO/PSD)

#### 2: Additional instruments and other investments

- **a.** Dutch instruments like the Seed Laws Toolbox and the Top Sector International Seed Money Projects
- **b.** Investment in the seed sector through existing ongoing projects
- **c.** Investments through other donors, such as the EU and the World Bank

#### Example: Mozambique

Alliance for seed sector development bringing together ongoing and future seed-related interventions in Mozambique

- **a.** Establishment of a seed platform supporting discussions and collaboration opportunities among government, sector organisations, and various donors (EKN/RVO/PSD)
- **b.** Strengthening the seed regulatory framework and building capacity for its implementation (RVO/G2G)
- **c.** Strengthening seed trade associations (RVO/PSD)
- **d.** Establishment of PPPs and B2B collaboration models with involvement of Dutch private seed sector, including strengthening the Mozambican seed companies and traders in promotion and marketing (RVO/PSD)
- e. Private sector development, strengthening public institutions within the seed sector, and/or enhancing Mozambique's capacity in climate change adaptation (e.g., World Bank/ IFC, IFAD and EU)

Note: the options indicated above are based on the seed sector QuickScan and will be further elaborated based on the seed sector assessment and partnership scoping

#### **Country Status A**

Seed is priority

Other sector is priority

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### **Step 1B:** Assess if focusing on seed aligns with EKN's strategic priorities

Specific development cooperation focus country:

Status B

Afghanistan

Bangladesh\*

Chad

DRC

Egypt \*

Iraq

Jordan

Kenya\*

Lebanon

Somalia

Tunisia

#### **Guiding questions:**

- **1.** What is the specific focus of MoFA in the relationship with the partner country?
- **2.** What are priority topics and/or sectors in EKN's multi-annual strategy?
- **3.** Is the seed sector identified as a priority sector?
- 4. If not, for what priority topics or sector(s) is the seed sector relevant (food security & nutrition, food system resilience/ HDP, climate change adaptation, youth employment, private sector development, etc)?
- **5.** What is the interest of the partner government in seed sector development? Is a sector strategy or road map available? Is there an interest to develop such a strategy or road map?
- **6.** What is the interest of Dutch seed sector stakeholders investing and seeking partnership in the country?
- **7.** What are current Dutch seed sector and/or seed sector relevant investments in the country? What funding instruments are used (EKN/MoFA/RVO/other)?
- **8.** What is the ambition level of EKN to develop new investments within its priorities in seed sector development?
- **9.** What are the investments in the seed sector by other donors and development partners?

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<sup>\*</sup> Countries with both focus/specific & combination



#### What:

 Explore and contribute to seed sector investments supported by EKN, RVO and other donors

#### How:

- Scoping mission (RVO/PSD toolkit)
- Seed sector assessment (RVO/PSD toolkit)
- Trade mission (RVO/TM)
- National Seed Road Map (RVO/PSD toolkit)
- Development of an investment and partnership platform/portfolio/plan (EKN/ RVO/SeedNL)

#### Example: **Bangladesh**

#### How:

- Seed sector assessment EKN, RVO,
   SeedNL, LVVN, Naktuinbouw, WUR and
   Innovision Consulting
- Multi-stakeholder workshop in Bangladesh to verify assessment – EKN, RVO, SeedNL, WUR and Innovision Consulting
- Elaboration investment opportunities for Bangladesh Seed Partnership – EKN, RVO, SeedNL, LVVN, Naktuinbouw, WUR and Innovision Consulting
- Dutch private sector round table discussion – EKN, RVO, SeedNL, WUR and Plantum
- High level discussions on collaboration opportunities with government and other donors – EKN, RVO, SeedNL, LVVN, Bangladesh Government, EU, World Bank, WUR

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#### 1: EKN seed sector investment

- **a.** National seed sector development project
- **b.** Partner country Netherlands Seed Partnership (portfolio of investments)

#### 2: Portfolio of combined RVO options

- Partnership for PS investments (Impact cluster-RVO/PSD toolkit)
- **b.** Knowledge exchange for business development (RVO/K2B)
- Government to Government collaboration (RVO/G2G)
- **d.** Seed or sector trade fairs (RVO/TF)
- e. (Seed) trade missions (RVO/TM)
- f. Seminar & studies (RVO/S&S)
- **g.** (Seed) sector platforms (RVO/PSD)

# **3:** Additional instruments and other investments

- a. Dutch instruments like the Seed Laws Toolbox and the Top Sector International Seed Money Projects
- **b.** Investment in the seed sector through existing ongoing projects
- **c.** Investments through other donors, such as the EU and the World Bank

#### Example: Bangladesh

Exploring options for a Bangladesh Seed
Partnership combining different investment
modalities of EKN, RVO and other donors

- **a.** Establishment of PPPs and B2B collaboration models with involvement of Dutch private seed sector (RVO/PSD)
- **b.** Capacity building for promoting the use of improved vegetable, potato and flower varieties (RVO/K2B)
- **c.** Organization of trade fairs for the horticulture and floriculture sectors (RVO/TF)
- **d.** Improvement of regulatory framework supporting seed business and seed trade (RVO/G2G)
- **e.** Support to implementation of the PVP system (PVP toolbox)
- **f.** Strengthening of Bangladesh's private sector associations as sector coordinating bodies (RVO/PSD)
- **g.** Establishment of seed platform supporting discussions and collaboration opportunities among government, sector organisations, and various donors (EKN/RVO/PSD)
- h. Strengthening private companies and public institutions within the seed sector in Bangladesh, and/or enhancing the country's capacity in climate change adaptation (e.g., World Bank/IFC and EU)

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# **Step 1B:** Assess if focusing on seed aligns with EKN's strategic priorities

**Combination** of international trade and development cooperation country:

Status C

**Bangladesh\*** 

Colombia

Egypt \*

Ghana

India

Indonesia

**Ivory Coast** 

Kenya\*

Morocco

Nigeria

Senegal

**South Africa** 

**Ukraine** 

Vietnam

#### **Guiding questions:**

- **1.** Has a combi-track been developed for the country?
- 2. What are priority topics and/or sectors within the combi-track?
- **3.** Is the seed sector identified as a priority sector?
- 4. If not, for what priority topics or sector(s) is the seed sector relevant (horticulture, dairy, cocoa, youth)?
- **5.** What is the interest of the partner government in seed sector development? Is a sector strategy or road map available? Is there an interest to develop such a strategy/road map?
- **6.** What is the interest of Dutch seed sector stakeholders investing and seeking partnership in the country?
- 7. What are current Dutch seed sector and/or seed sector relevant investments in the country? What funding instruments are used (EKN/MoFA/RVO/ other)?
- 8. What is the ambition level of EKN/RVO indicated in the combi-track to invest within its priorities in seed sector development?
- **9.** What are the investments in the seed sector by other donors and development partners?

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<sup>\*</sup> Countries with both focus/specific & combination



#### What:

 Explore and contribute to seed sector investments supported by RVO and other donors.

#### How:

- Scoping mission (RVO/PSD toolkit)
- Seed sector assessment (RVO/PSD toolkit)
- Trade mission (RVO/TM)
- National Seed Road Map (RVO/PSD toolkit)
- Development of an investment and partnership platform/portfolio/plan (EKN/ RVO/SeedNL)

#### Example: Senegal

#### How:

- Seed sector assessment EKN, RVO, SeedNL and ISRA
- Multi-stakeholder workshop in Senegal to verify assessment – EKN, RVO, SeedNL and ISRA
- Development opportunity brief EKN, RVO, SeedNL
- Round table with Dutch private sector EKN, RVO, SeedNL, Plantum
- Partnership concept note EKN, RVO, SeedNL

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#### 1: Portfolio of combined RVO options

- **a.** Partnership for PS investments (Impact cluster-RVO/PSD toolkit)
- **b.** Knowledge exchange for business development (RVO/K2B)
- Government to Government collaboration (RVO/G2G)
- **d.** Seed or sector trade fairs (RVO/TF)
- e. (Seed) trade missions (RVO/TM)
- f. Seminar & studies (RVO/S&S)
- **g.** (Seed) sector platforms (RVO/PSD)

# 2: Additional instruments and other investments

- **a.** Dutch instruments like the Seed Laws Toolbox and the Top Sector International Seed Money Projects
- **b.** Investments through other donors, such as the EU and the World Bank

Example: Senegal

Portfolio of combined RVO options under the combi track horticulture currently being explored

- **a.** Establishment B2B relationships between Dutch and Senegalese seed companies (RVO/PSD)
- **b.** Knowledge exchange for business development (RVO/K2B)
- **c.** Organization of horti trade fair (RVO/TF)
- **d.** Support on seed regulatory issues including PVP and seed trade (RVO/G2G)
- **e.** Establishment coordinating body for vegetable seeds (RVO/PSD)

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# seedNL

### **Step 1B:** Assess if focusing on seed aligns with EKN's strategic priorities

Private Sector Development country:

**Status D** 

**Algeria** 

**Angola** 

Libya

Moldovia

Rwanda

Suriname

Tanzania

**Zimbabwe** 

#### **Guiding questions:**

- 1. What is the interest of Dutch seed sector stakeholders investing and seeking partnership in the country?
- **2.** What is the interest of the partner government in seed sector development? Is a seed sector strategy or road map available?
- **3.** What are current Dutch seed sector and/or seed sector relevant investments in the country? What funding instruments are used (RVO/other)?
- **4.** What is the ambition level of EKN/RVO to invest in the country and particularly in the seed sector?
- **5.** What are the investments in the seed sector by other donors and development partners?

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#### What:

Explore trade-related seed sector investments and partnerships

#### How:

- Scoping mission (RVO/PSD toolkit)
- Seed sector assessment (RVO/PSD toolkit)
- Trade mission (RVO/TM)
- National Seed Road Map (RVO/PSD toolkit)
- Develop an investment and partnership platform/portfolio/plan (EKN/RVO/SeedNL)

Example: Suriname

#### How:

- Scoping mission RVO, LVVN and Naktuinbouw
- Vegetable seed sector assessment RVO, Naktuinbouw and WUR

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#### 1: Portfolio of combined RVO options

- **a.** Partnership for PS investments (Impact cluster-RVO/PSD toolkit)
- **b.** Knowledge exchange for business development (RVO/K2B)
- Government to Government collaboration (RVO/G2G)
- **d.** Seed or sector trade fairs (RVO/TF)
- e. (Seed) trade missions (RVO/TM)
- f. Seminar & studies (RVO/S&S)
- **g.** (Seed) sector platforms (RVO/PSD)

# 2: Additional instruments and other investments

- **a.** Dutch instruments like the Seed Laws Toolbox and the Top Sector International Seed Money Projects
- **b.** Investments through other donors, such as the EU and the World Bank

#### Example: Suriname

Contribution to the Makandra programme through a seed project supported by RVO/G2G

- **a.** Study visit of the National Seed Council to the Netherlands -Naktuinbouw
- **b.** Training on seed sector regulation Naktuinbouw
- c. Training on DUS Naktuinbouw
- **d.** Advice on genetic resources conservation CGN

Note: the before mentioned vegetable seed sector assessment is integrated into the seed project

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### List of abbreviations



**B2B** Business to Business

**CGN** Centre for Genetic Resources

**DUS** Distinctness, Uniformity and Stability

**EKN** Embassy of the Kingdom of the Netherlands

**FNS** Food and Nutrition Security

**G2G** Government to Government

**GAIN** Global Alliance for Improved Nutrition

**HDP** Humanitarian, Development, and Peace

**IFC** International Finance Corporation

ISRA Senegalese Agricultural Research Institute

**K2B** Knowledge to Business

LVVN Ministry of Agriculture, Fisheries, Food Security and Nature

MLS Multi-Annual Country Strategy (defined by EKN)

MoFA Ministry of Foreign Affairs

**NAO** Netherlands Potato Organization

NASC Nigeria Agricultural Seed Council

**PD** Partnership Development

**PPP** Public Private Partnership

**PS** Private Sector

**PSD** Private Sector Development

**PVP** Plant Variety Protection

**RVO** Netherlands Enterprise Agency

**S&S** Seminar & studies

**SDGP** Sustainable Development Goals Partnership Facility

**TF** Trade Fair

TM Trade Mission

**WUR** Wageningen University & Research

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**Decision Tool**