



EkoLakay

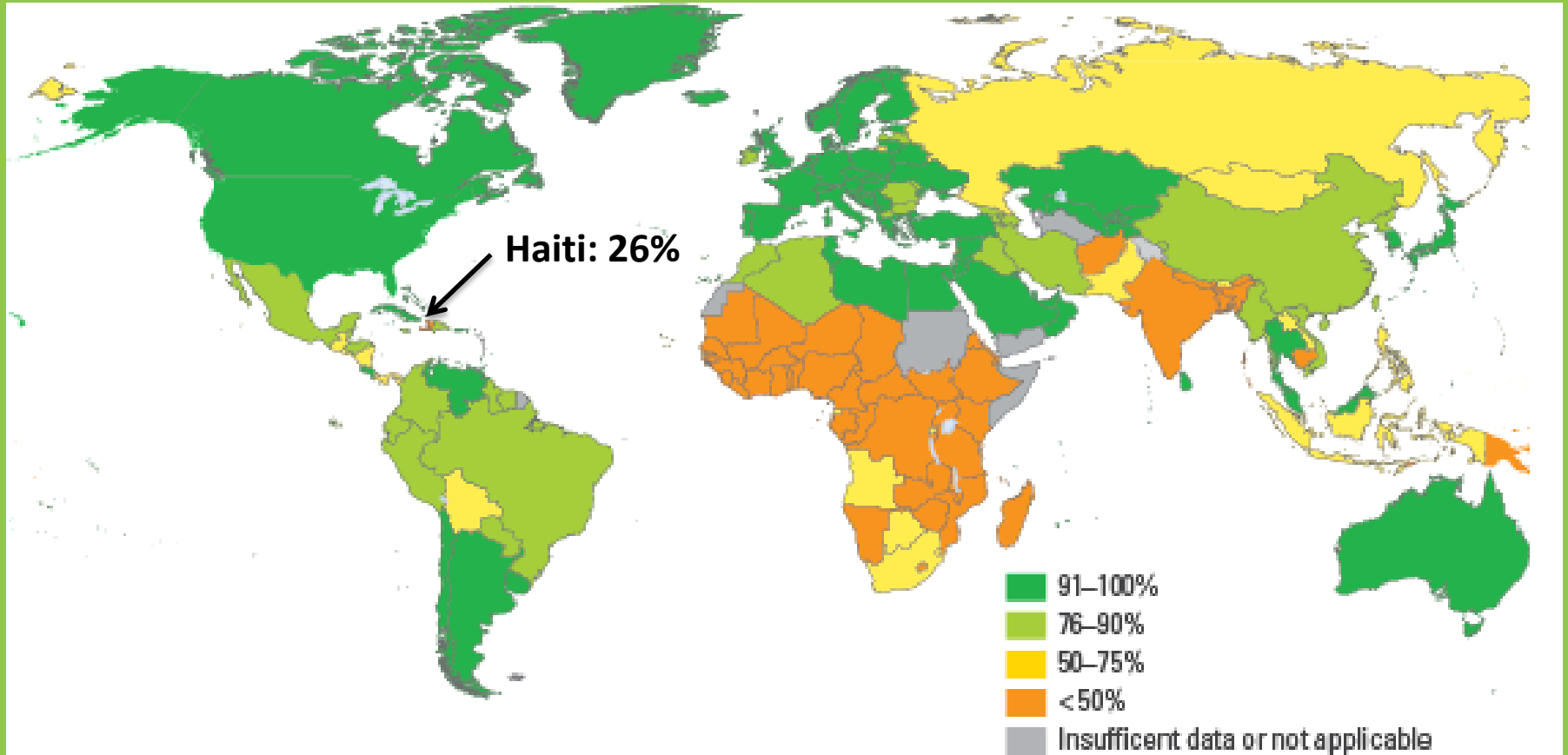
**Developing a Social Business for the Provision
of Household Sanitation in Dense Urban
Settings**

Dr. Sasha Kramer

Erica Lloyd, Nick Preneta, Claire Remington

Sustainable Organic Integrated Livelihoods (SOIL)

Global Sanitation Coverage



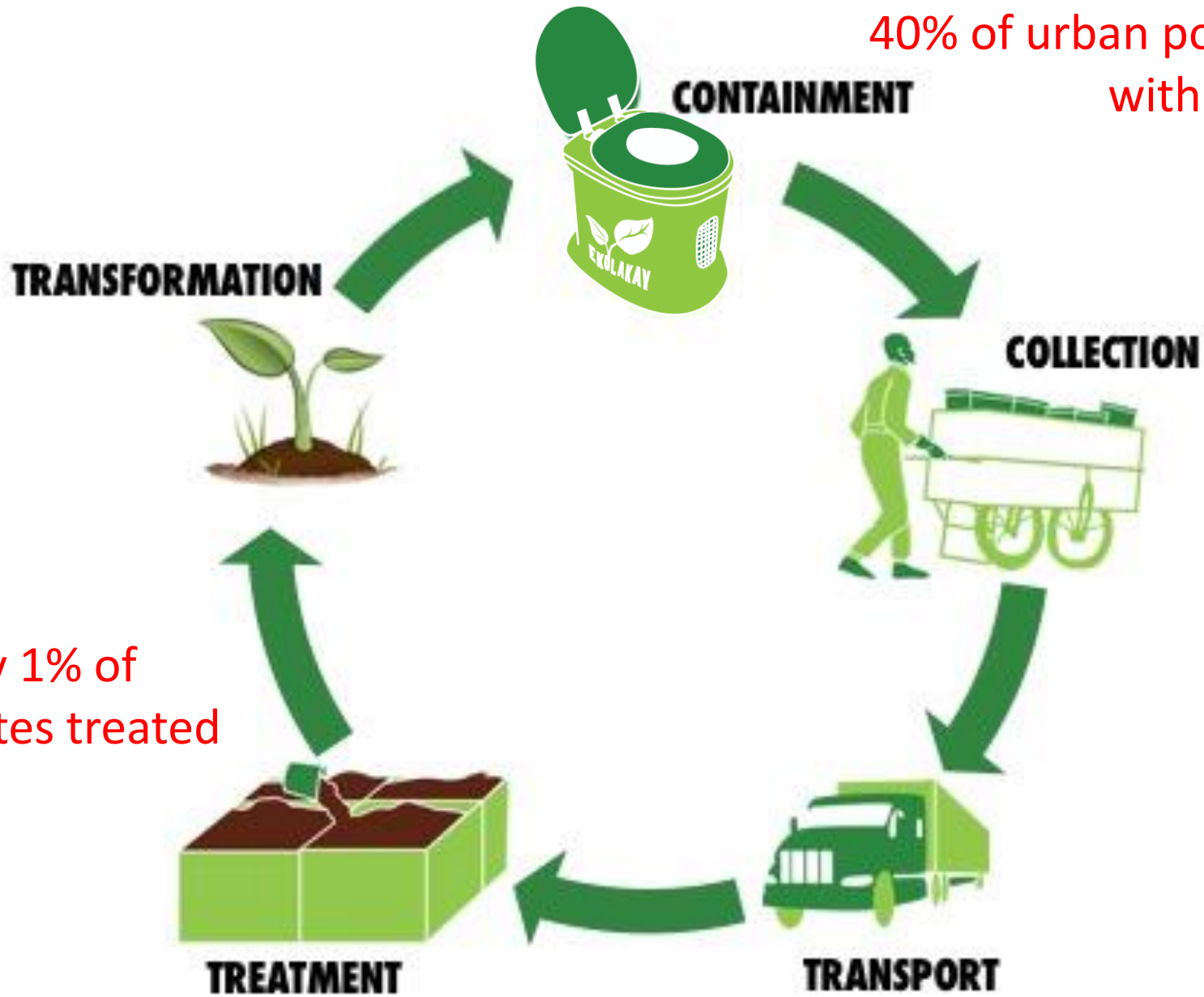


Why focus on urban areas?

- Population in urban areas expected to double by 2050
- Low cost technologies that work in rural areas (latrines and septic tanks) often impossible or dangerous in cities
- Threat of disease higher in densely populated areas
- Density of homes improves financial viability of business



40% of urban population
with no toilet



Only 1% of
wastes treated

EkoLakay

















SOIL JODI A POU PRAN YON TWALET POU LAKAYOU

Fyete!
Sekirite!
Sante!



EKOLAKAY

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TWALET POU LAKAYOU

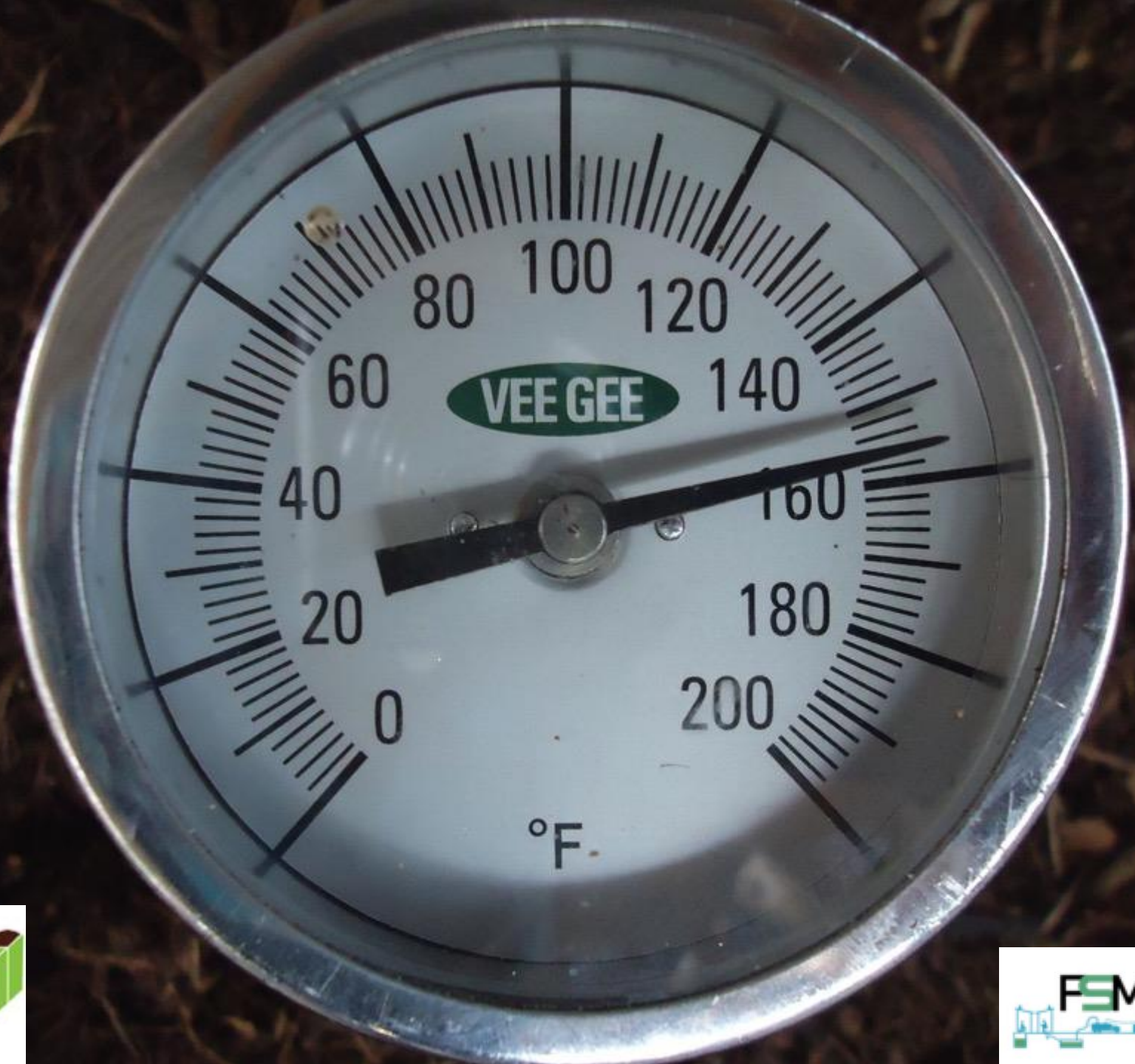














GLASI 5
maks 1.2







KONPÒS LAKAY

Angrè Òganik
Fabrike an Ayiti Pa:



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Sit entènèt: www.oursoil.org

Azòt (N)	> 2.7%	pH	6.7 - 7.2
Fosfò (P)	> 1.4%	Imidite	> 30%
Potasyòm (K)	> 0.7%	Rapò C:N	<11:1
Kalsyòm (Ca)	> 2.5%	Matyè Òganik (MO)	> 50%
Mayezyòm (Mg)	> 0.8%	Materyèl Inaktif	< 1.5%
Kabòn (C)	> 27%		

Engredyan : Bagas kann, po pistach, dechè moun

Itilizasyon : Melanje ¾ tè ak ¼ Konpòs Lakay, pou plis enfòmasyon sivouplè rele Biwo SOIL la

Konsèvasyon : Estoke nan yon kote ki fre, pa mete nan soley.



Tanpri
resikle m!

Biwo:

Pil:

Dat Anbalaj:

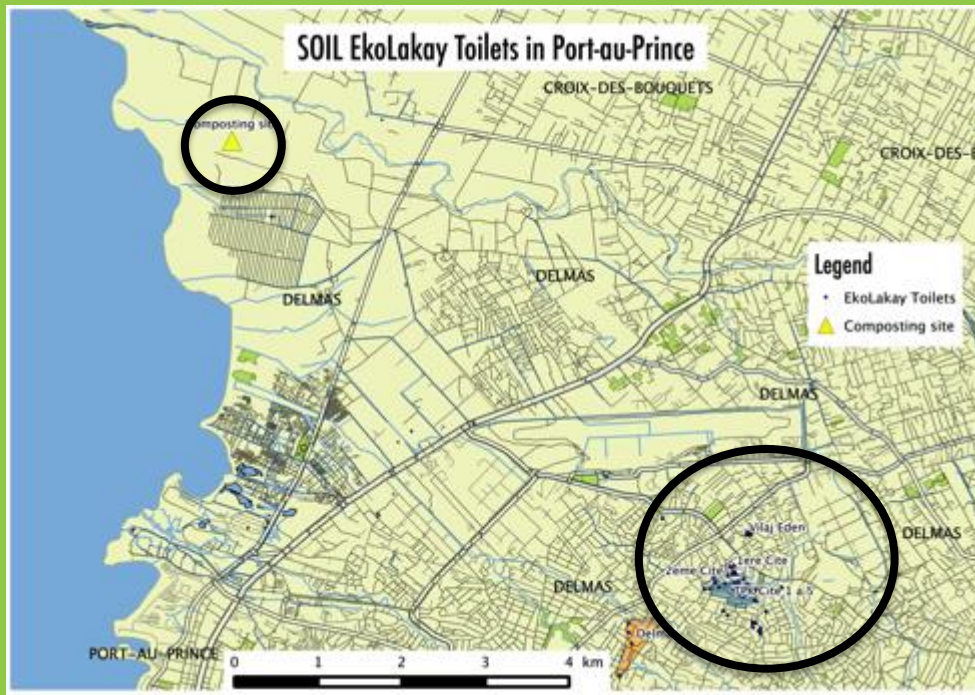
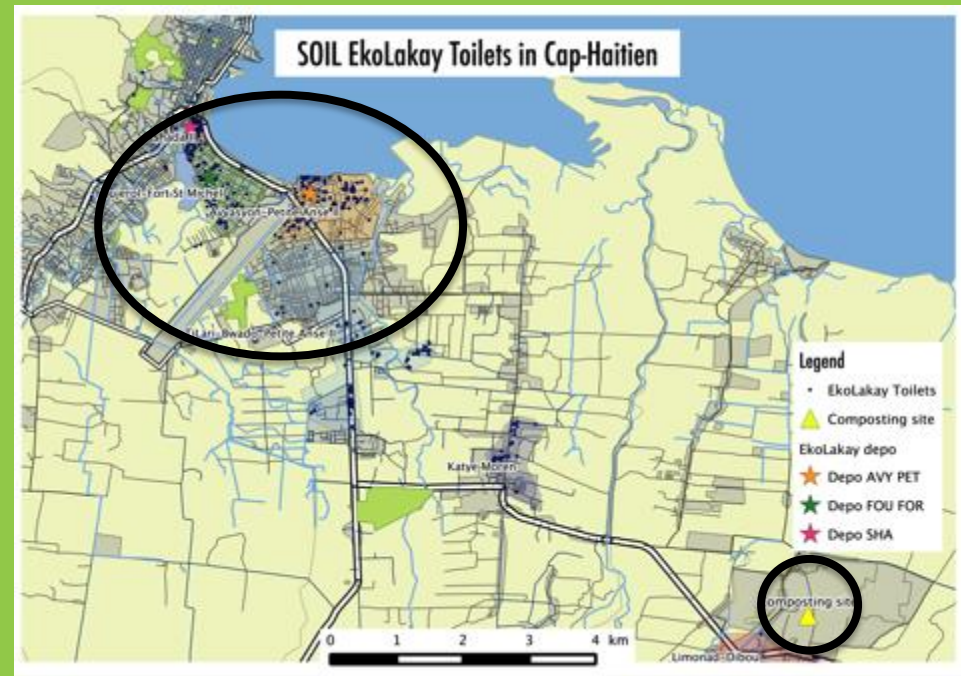
Pwodwi 100% Ayisyen



Current scale

Cap-Haitien

- Paid service started June 2013
- 888 clients



Port-au-Prince

- Paid service started May 2015
- 180 clients

Kat Twalèt EkoLakay ak depo yo

Légende

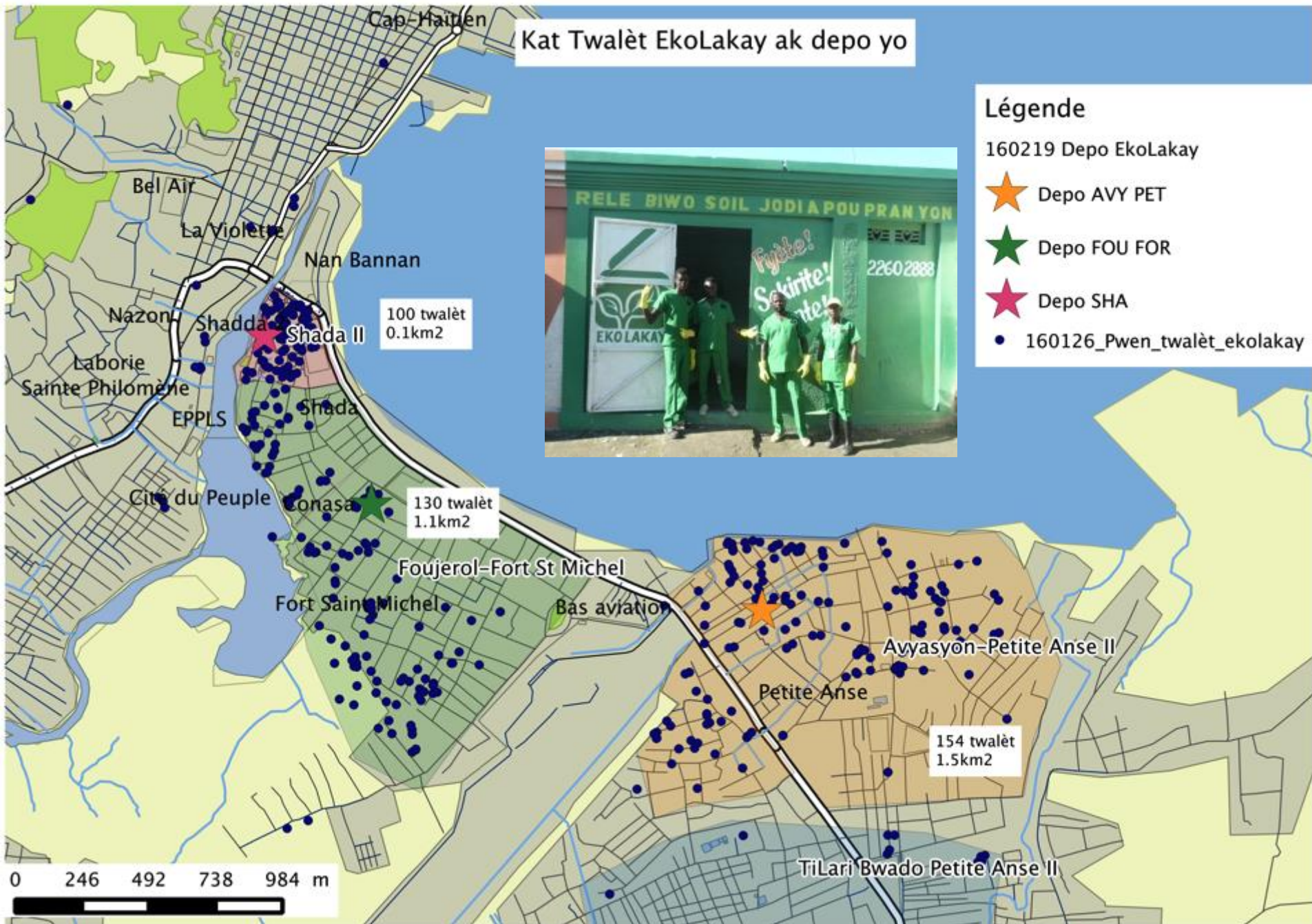
160219 Depo EkoLakay

★ Depo AVY PET

★ Depo FOU FOR

★ Depo SHA

● 160126_Pwen_twalèt_ekolakay

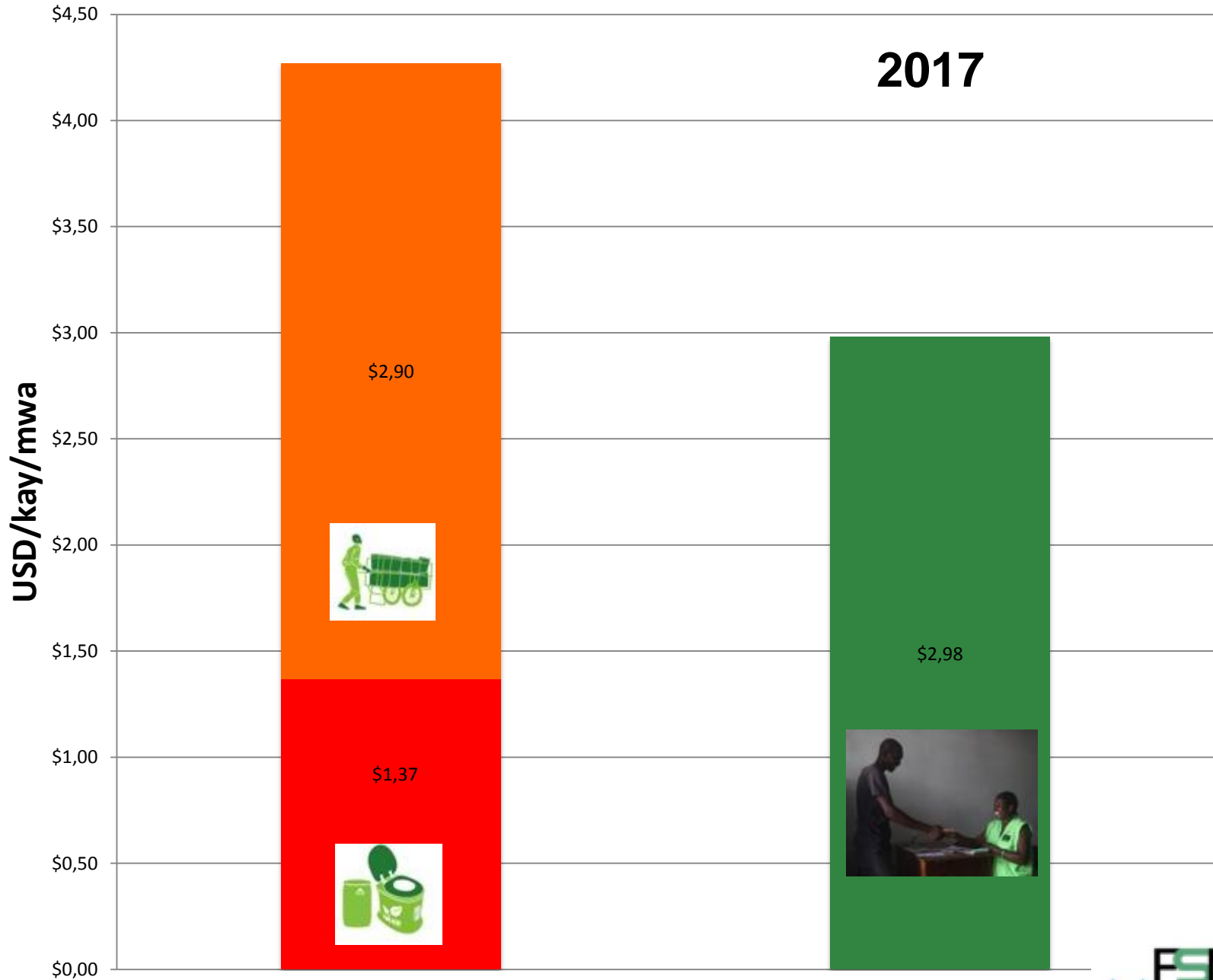


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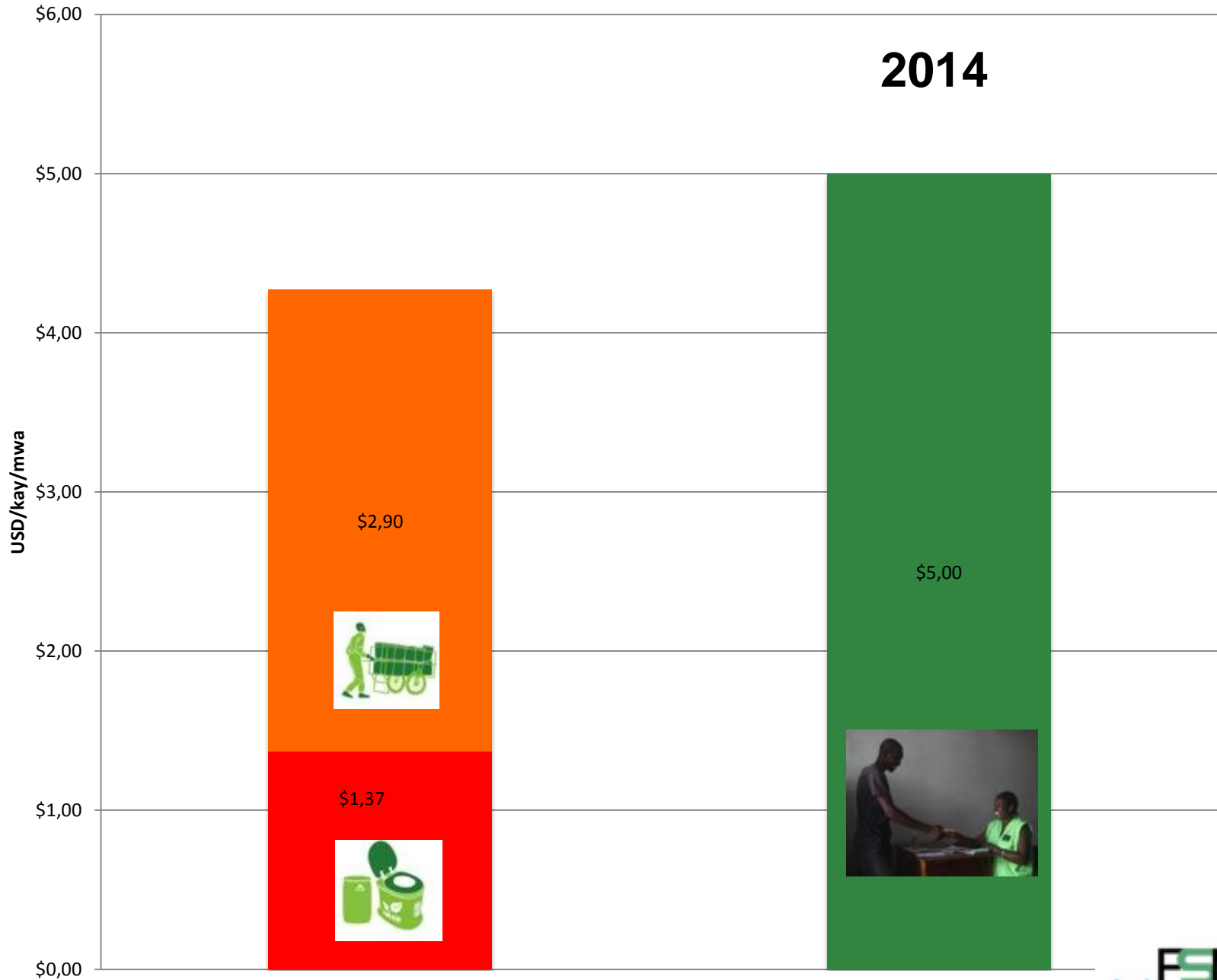
Costs per household per month



2017



2014



Private sector opportunity

TRANSFORMATION



CONTAINMENT

COLLECTION



TREATMENT



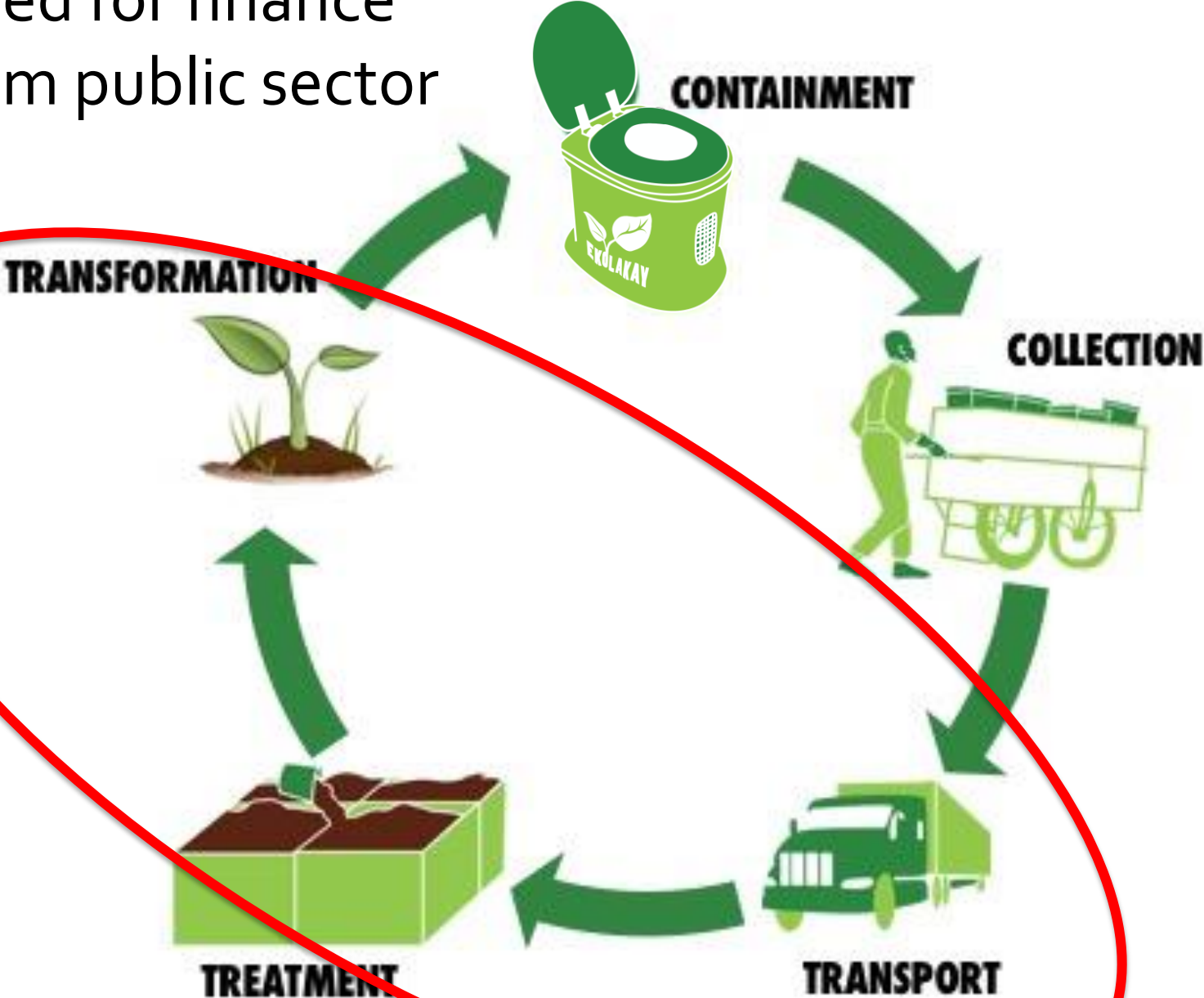
TRANSPORT

Costs per household per month





Need for finance from public sector



Partners and Funders



sustainable
sanitation
alliance

OPEN > < ROAD

KEEPING IMPACT ON TRACK



American
Red Cross



re.source

Household Toilets in Urban Slums



Grand Challenges Canada™
Grands Défis Canada™

BOLD IDEAS FOR HUMANITY.™



11TH HOUR PROJECT



CLINTON BUSH
HAITI FUND



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