

The Circular Economy of Sludge

Solving the Grand Challenge

Stockholm World Water Week
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water for people
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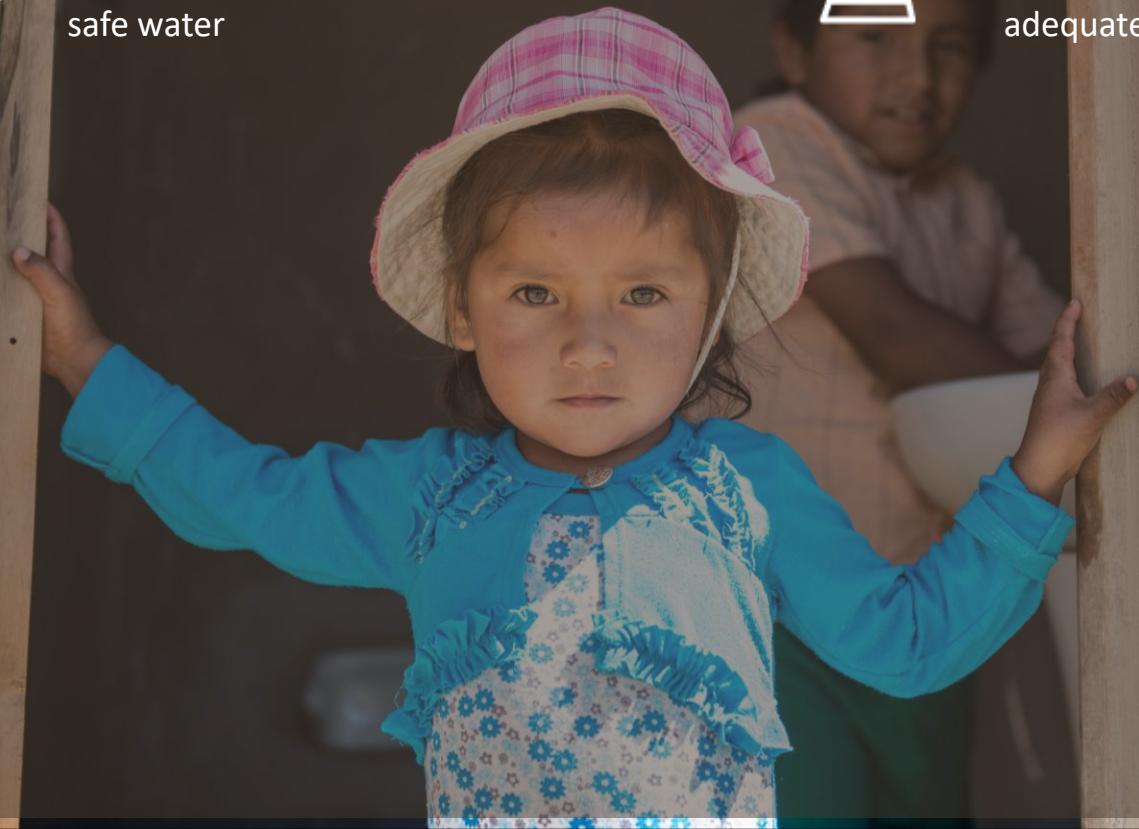
2.1 BILLION PEOPLE

around the world don't have access to safe water

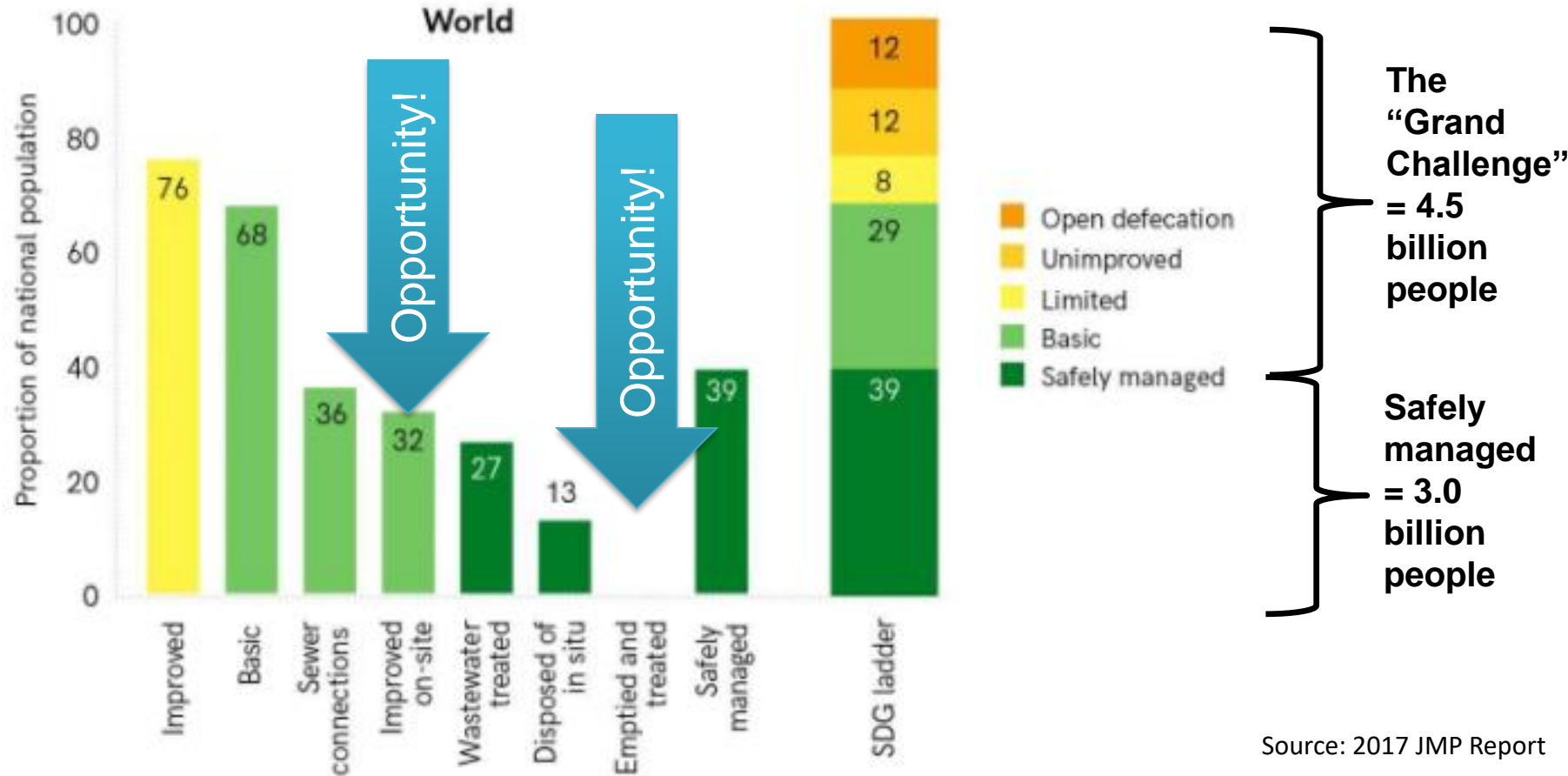


4.5 BILLION PEOPLE

around the world don't have access to adequate sanitation



SDG Baseline Estimates for Sanitation Services





The Grand Challenge

Part 1 – Separating humans from their poop

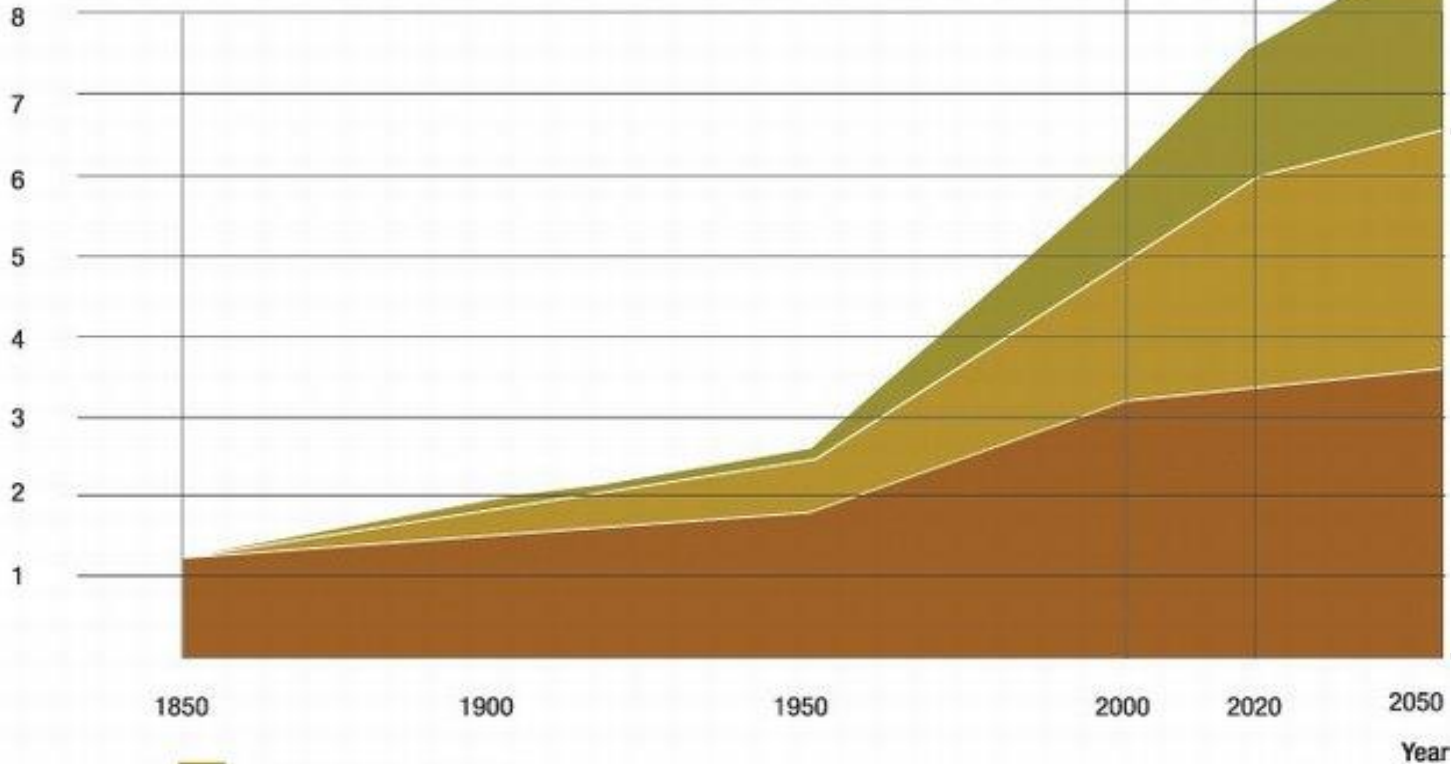
Part 2 – Keeping poop out of the environment

Part 3 – Reaping the value of ~~poop~~ Brown Gold



Population of the world: Urban slum population trends

Billion people

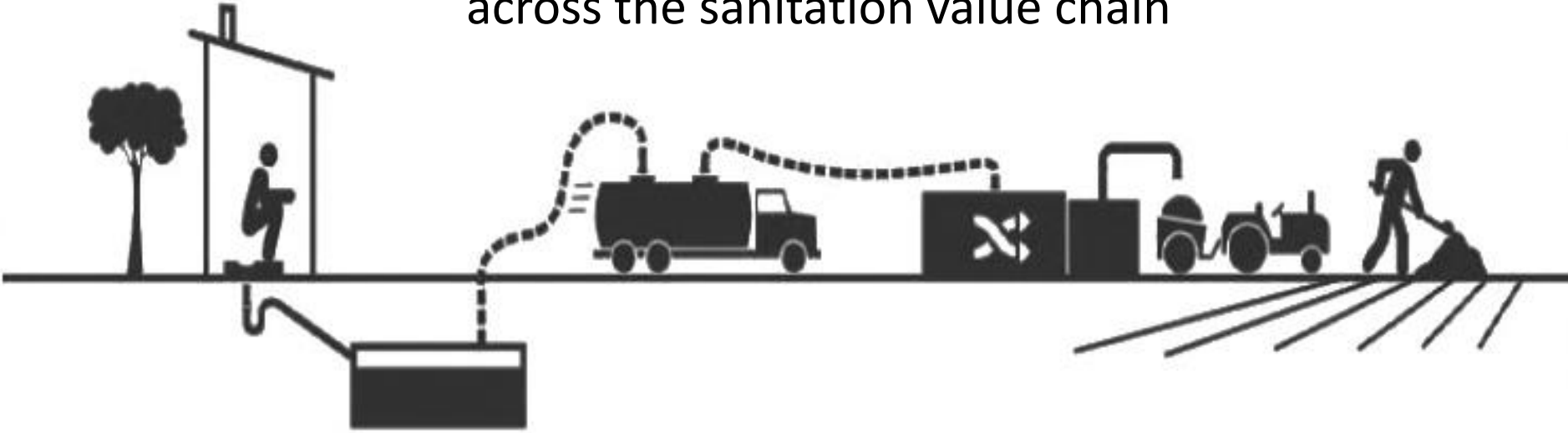


**70%
urban
by
2050!**

- Urban slum population
- Urban population
- Rural population

5 Opportunities for Business

across the sanitation value chain



1

Nice
toilets

2

Sludge
collection

3

Transportation

4

Treatment

5

Biosolids reuse







ARMANI EXCHANGE
A/X

12	Ado	87	Ado
13	Agul	88	Ado
14	Agul	89	Ado
15	Agul	90	Ado
16	Agul	91	Ado
17	Agul	92	Ado
18	Agul	93	Ado
19	Agul	94	Ado
20	Agul	95	Ado
21	Agul	96	Ado
22	Agul	97	Ado
23	Agul	98	Ado
24	Agul	99	Ado
25	Agul	100	Ado
26	Agul	101	Ado
27	Agul	102	Ado
28	Agul	103	Ado
29	Agul	104	Ado
30	Agul	105	Ado
31	Agul	106	Ado
32	Agul	107	Ado
33	Agul	108	Ado
34	Agul	109	Ado
35	Agul	110	Ado
36	Agul	111	Ado
37	Agul	112	Ado
38	Agul	113	Ado
39	Agul	114	Ado
40	Agul	115	Ado
41	Agul	116	Ado
42	Agul	117	Ado
43	Agul	118	Ado
44	Agul	119	Ado
45	Agul	120	Ado



FOREVER SANITATION LTD
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