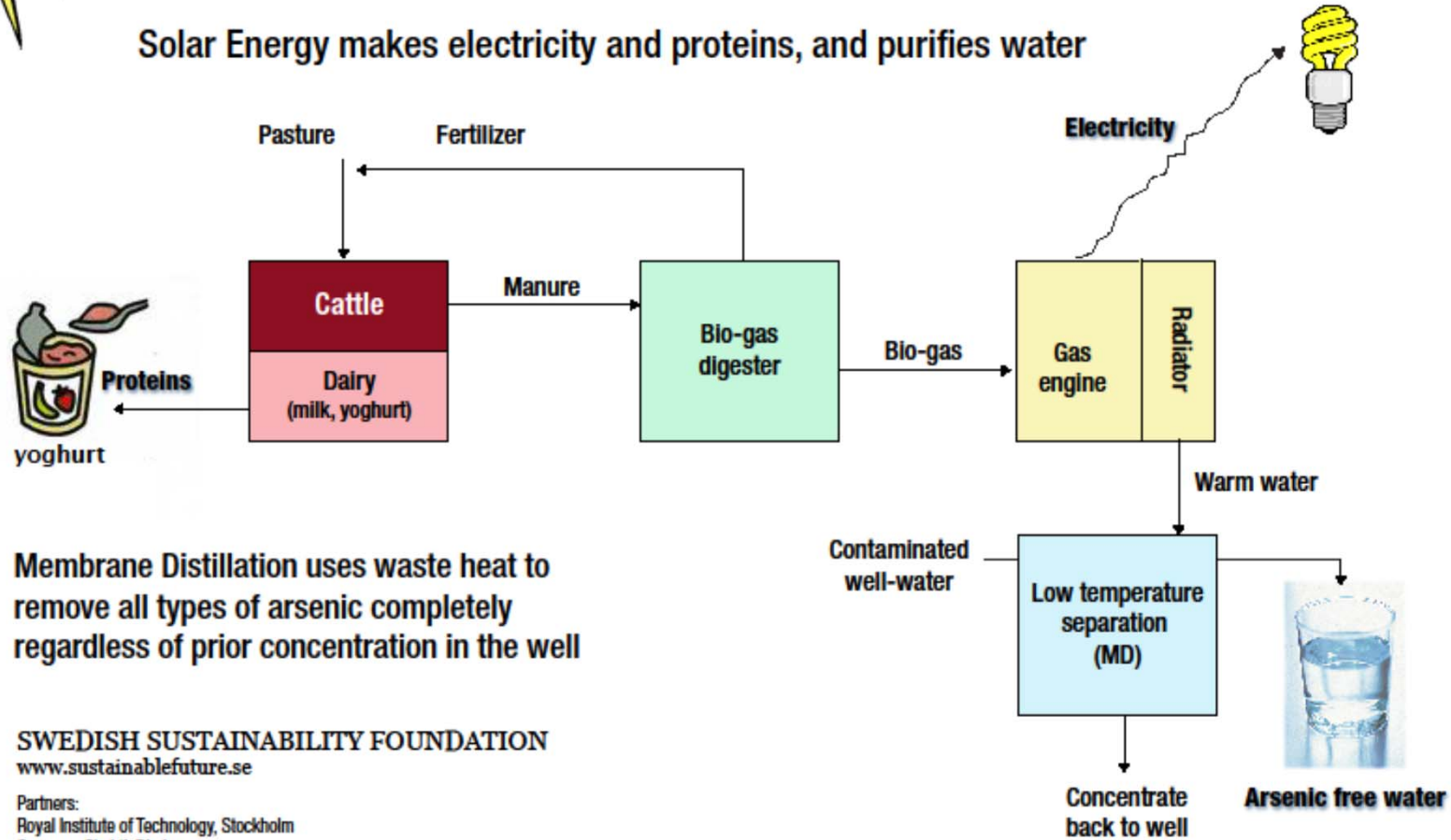


Solar power for generation
of hot water and drinking
water



THE SUN MAKES THE GRASS, WE DO THE REST!

Solar Energy makes electricity and proteins, and purifies water



Membrane Distillation uses waste heat to remove all types of arsenic completely regardless of prior concentration in the well

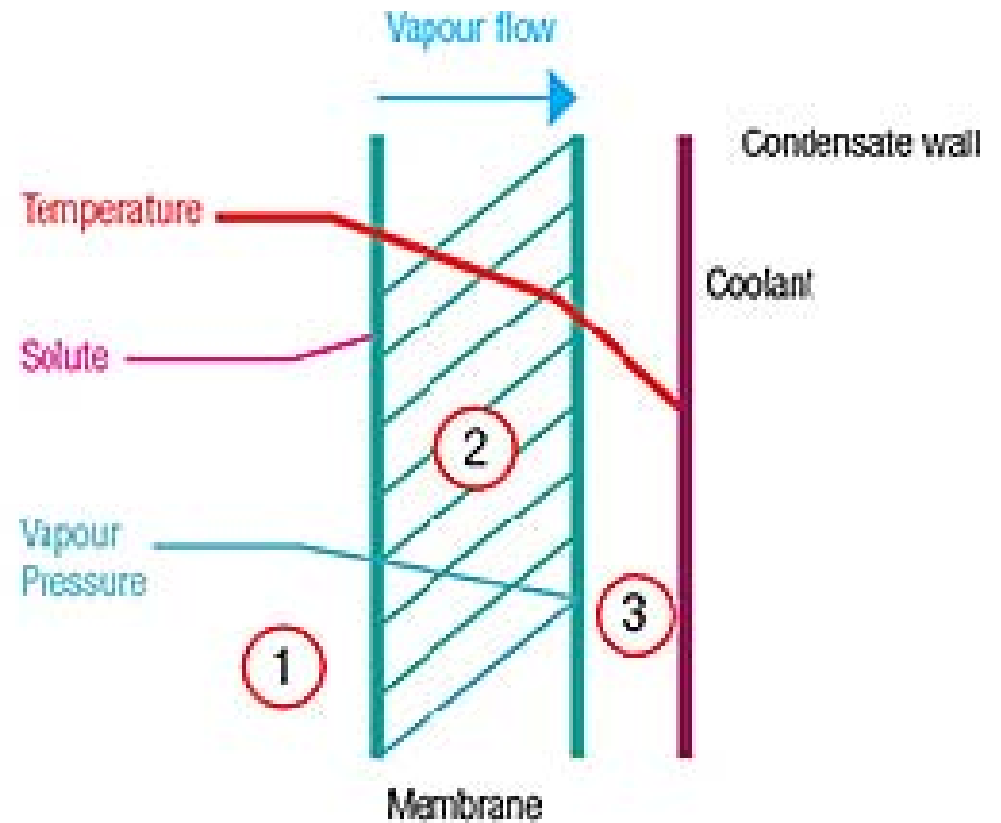
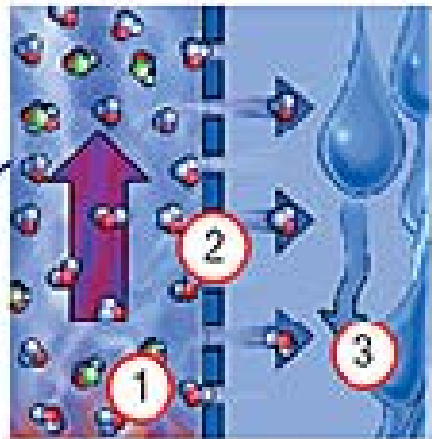
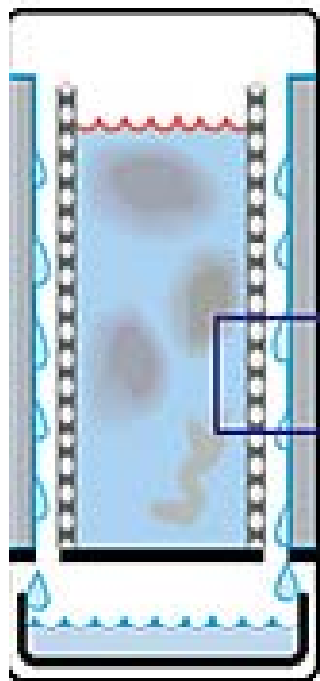
SWEDISH SUSTAINABILITY FOUNDATION
www.sustainablefuture.se

Partners:
Royal Institute of Technology, Stockholm
Grameen Shakti, Dhaka
Scarab Development AB, Stockholm

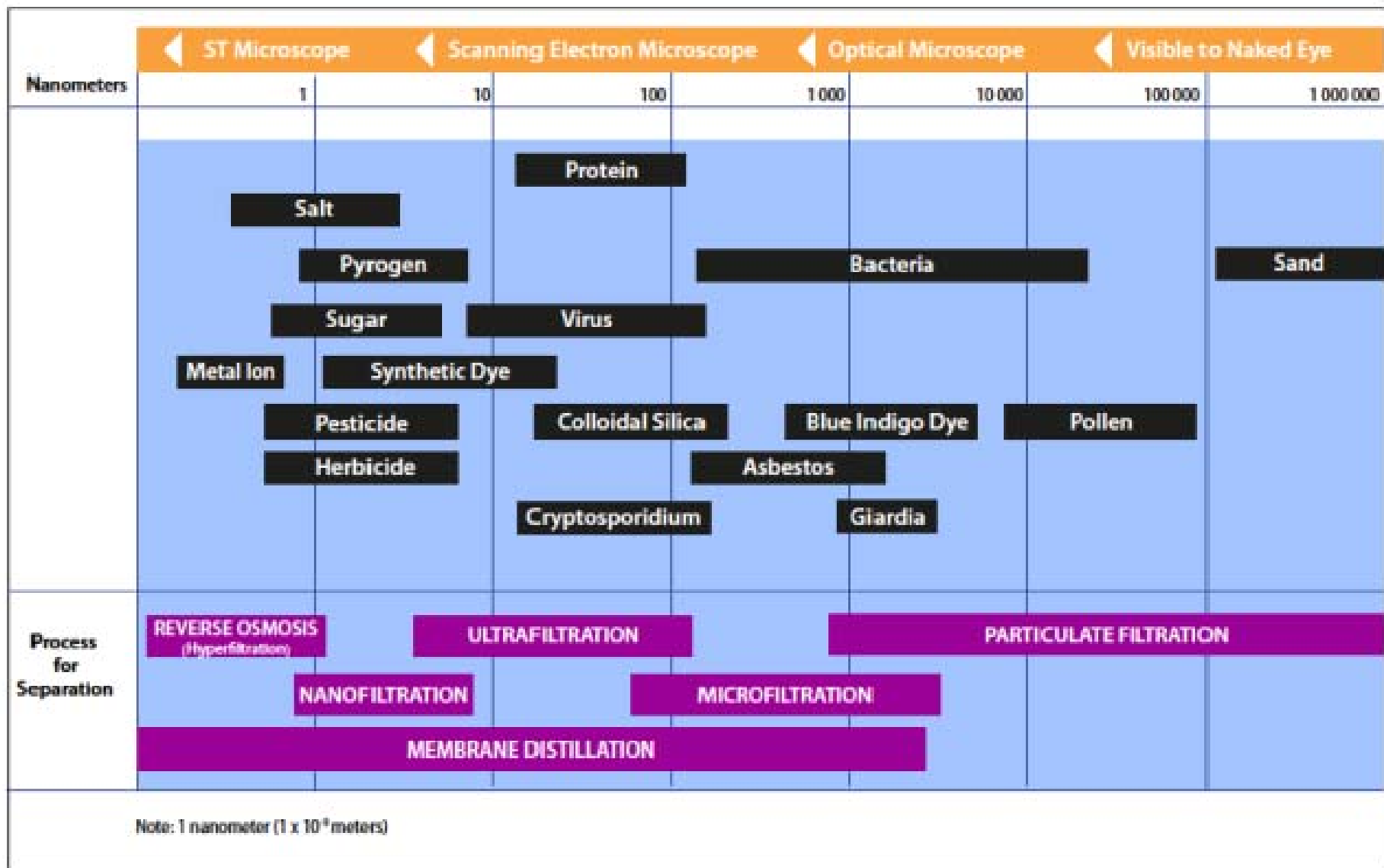
May 2009

ELIXIR 500

When you want to be sure
to drink pure water



Profile diagram of air gap membrane distillation



Result Xzero 2012-11-08

Treatment plant: Sjöstadverket
Date: 2012-11-08

Substans:	Mode of action:	Effluent from municipal		
		waste water plant	Module 1a, 52C	Module 1b, 54C
Diclofenac	Anti-inflammatory	336	<3	<3
Furosemide	Diuretics	592	<5	<5
Sulfamethoxazole	Antibiotic	95	<5	<5
Hydrochlorothiazide	Antihypertensive	860	<7	<7
Ibuprofen	Anti-inflammatory	63	<3	<3
Naproxen	Anti-inflammatory	42	<5	<5
Warfarin	Blood thinning	12,8	<2	<2
Atenolol	Antihypertensive	136	<1	<1
Ciprofloxacin	Antibiotic	16	<10	<10
Paracetamol	Anti-inflammatory	20	<8	<8
Trimetoprim	Antibiotic	15	<3	<3
Ranitidine	Anti-acid	46	<5	<5
Metoprolol	Antihypertensive	761	<1	<1
Oxazepam	Sedatives	187	<2	<2
Carbamazepine	Sedatives	190	<1	<1
Ketoprofen	Anti-inflammatory	53	<4	<4
Amlodipine	Antihypertensive	38	<8	<8
Propranolol	Antihypertensive	50	<2	<2
Citalopram	Antidepressant	115	<2	<2
Bisoprolol	Antihypertensive	25	<3	<3
Sertralin	Antidepressant	3,7	<0.8	<0.8

< means below the indicated detection limit



HELP US FIGHT FOR CLEAN WATER
ACCESS TO CHILDREN WORLDWIDE:

- GIVE US YOUR SWEAT. GET ON OUR SWEAT BIKE.
- TAKE THE DARE AND DRINK A GLASS OF SWEAT.



For every drop of sweat, our sponsor will donate more
water purification tablets, bringing clean drinking
water to children all over the world.

