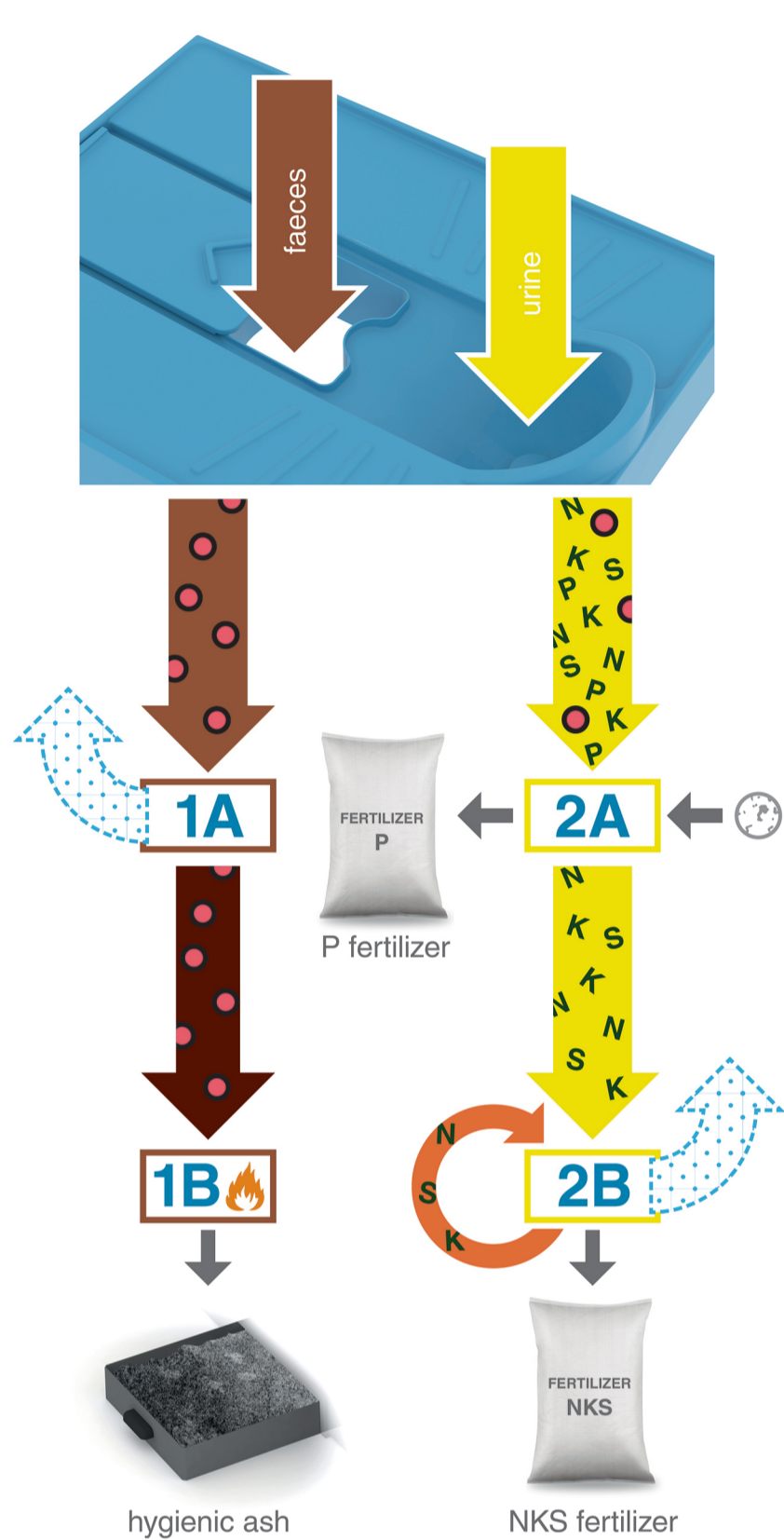


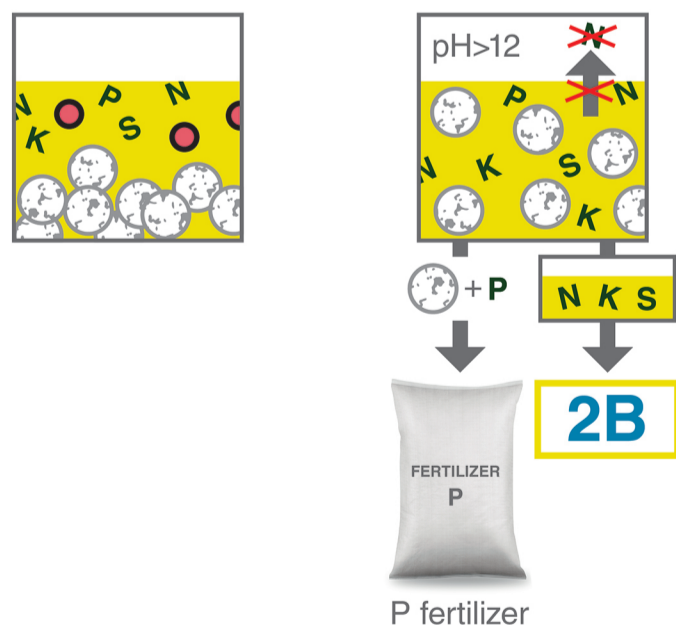
# ON-SITE TREATMENT- THE AUTARKY TOILET

## Material flow



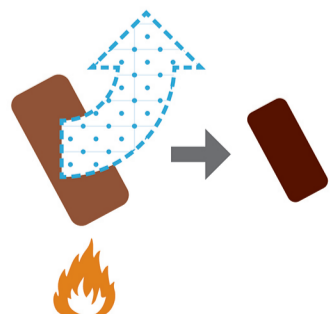
## 2A

**Stabilization of fresh urine**  
Hydrated lime deposit preserves urea and inactivates viruses and bacteria



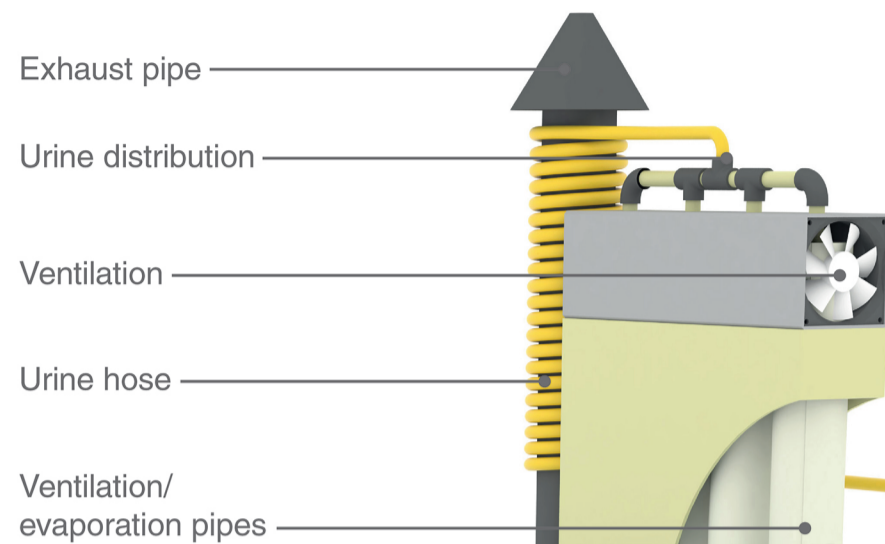
## 1A

**Thermal faeces dewatering and drying**  
Excess water is evaporated



## Legend

	urine		hydrated lime
	faeces		pathogens
	dried faeces		water (vapor)
	concentrated nutrients		nutrients
	dried nutrients		



## Additional energy demand for urine treatment \*



\* Compared to the Blue Diversion Toilet

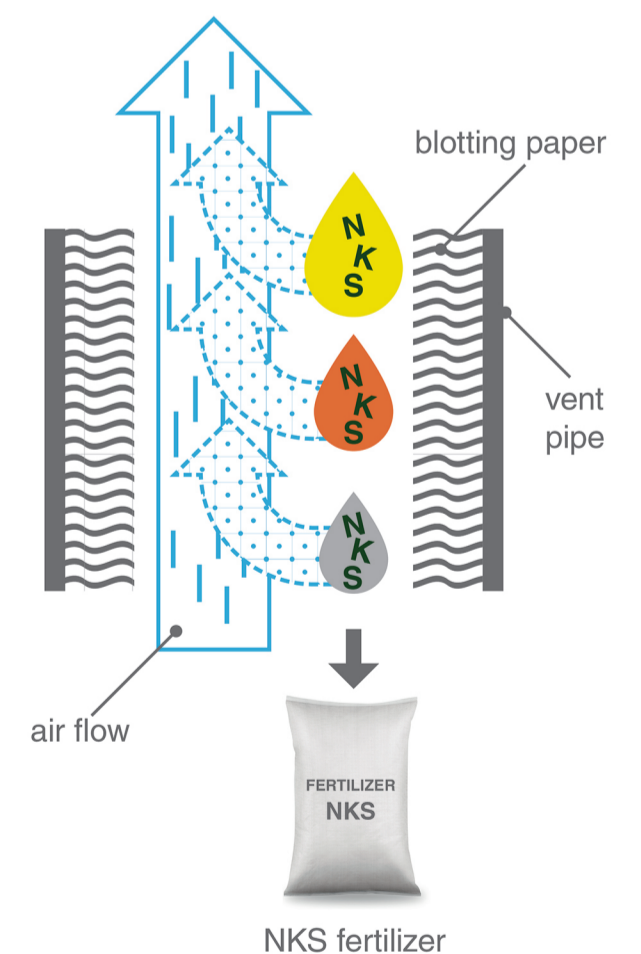
## Maintenance / Service

Every two weeks:      Every few months:



## 2B

**Evaporation of stabilized urine**  
Excess water is evaporated, dried nutrients deposit on blotting paper



## 1B

**Faeces combustion**  
Dried faeces pellets are incinerated and pathogens are killed

