

A1.1

Latrina convencional seca



Interface com
usuário



Coleta
Armazenamento



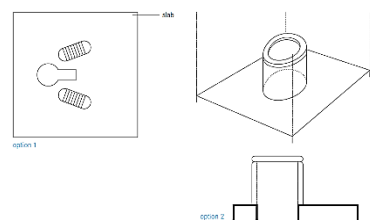
Transporte



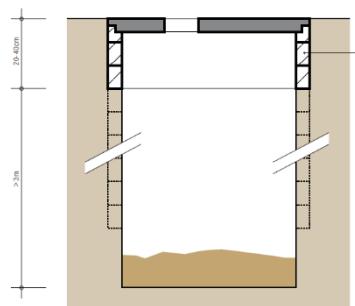
Tratamento



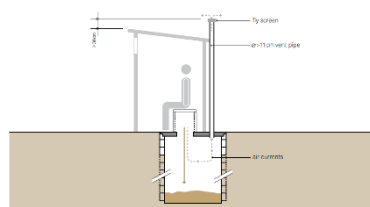
Uso e
disposição final



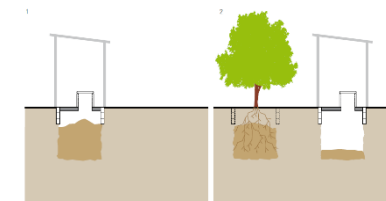
U1. Sanitário seco



S2. Latrina única



S3. Latrina única com ventilação



D1. Arborloo

A1.2

Latrina convencional com descarga manual



Interface com
usuário



Coleta
Armazenamento



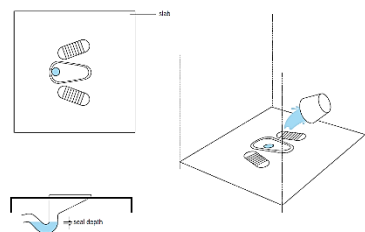
Transporte



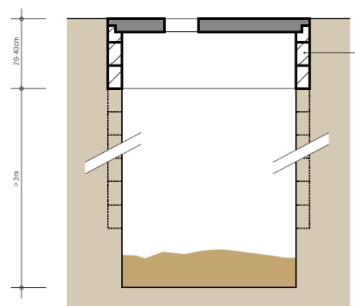
Tratamento



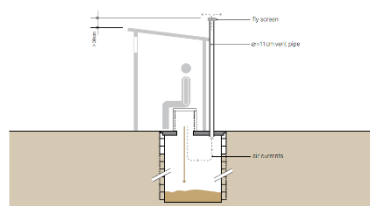
Uso e
disposição final



U4. Sanitário com descarga manual



S2. Latrina única



S3. Latrina única com ventilação



A2

Sanitário seco compostável



Interface com usuário



Coleta
Armazenamento



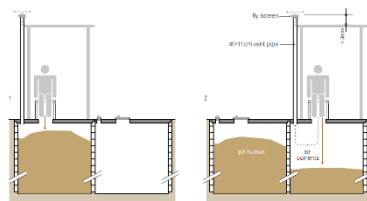
Transporte



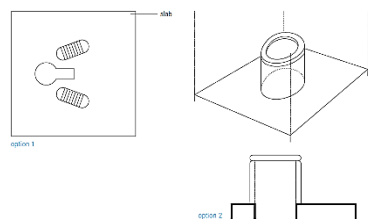
Tratamento



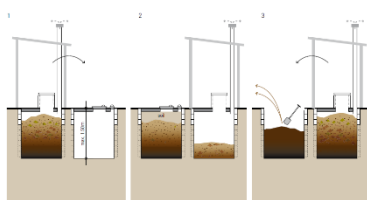
Uso e
disposição final



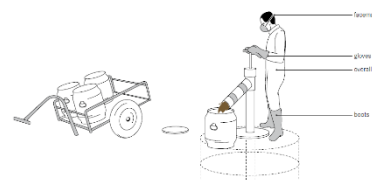
S4. Latrina dupla com ventilação



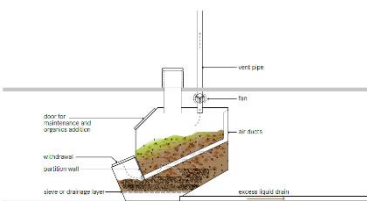
U1. Sanitário seco



S5. Fossa alternada



**C2. Transporte e
esvaziamento manual**



S8. Câmara de compostagem



D4. Aplicação de húmus e composto

A3

Latrina ecológica



Interface com
usuário



Coleta
Armazenamento



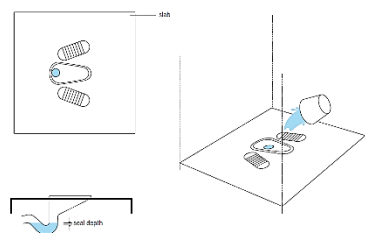
Transporte



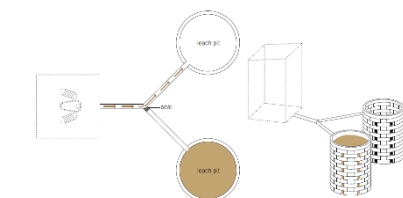
Tratamento



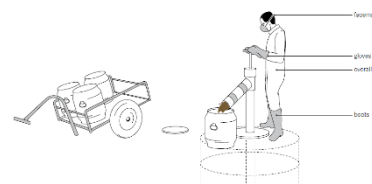
Uso e
disposição final



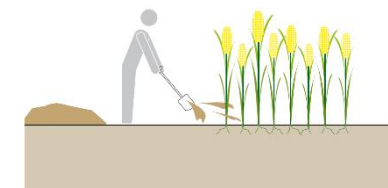
U4. Sanitário com descarga manual



S6. Latrina dupla com pouca água



**C2. Transporte e
esvaziamento manual**



D4. Aplicação de húmus e composto

A4

Sanitário seco com separação de urina



Interface com usuário



Coleta
Armazenamento



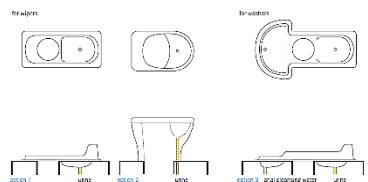
Transporte



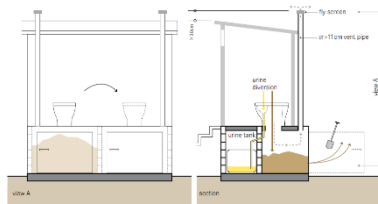
Tratamento



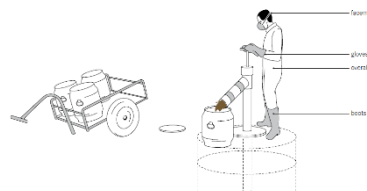
Uso e
disposição final



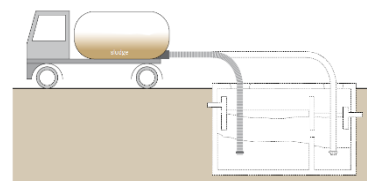
U2.1 Sanitário seco com separação



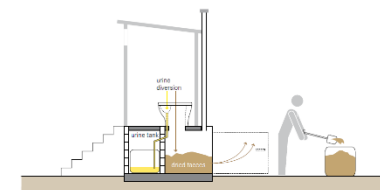
S7. Câmara de desidratação



**C2. Transporte e
esvaziamento manual**



**C3. Transporte e
esvaziamento motorizado**



**D3. Aplicação de fezes secas
(desidratadas)**

A5.1

Biodigestor com separação de urina e descarga convencional



Interface com usuário



Coleta Armazenamento



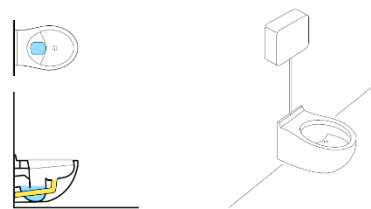
Transporte



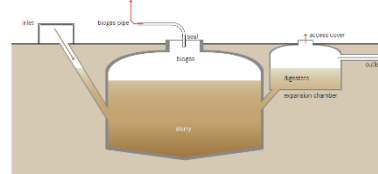
Tratamento



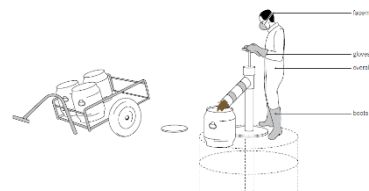
Uso e disposição final



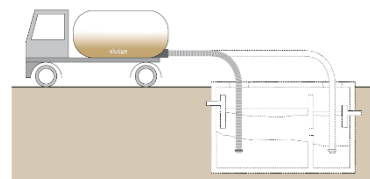
U6. Sanitário com descarga e separação



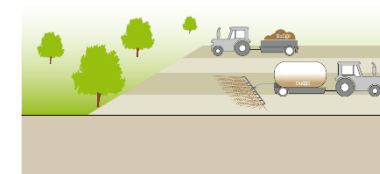
S12. Biodigestor



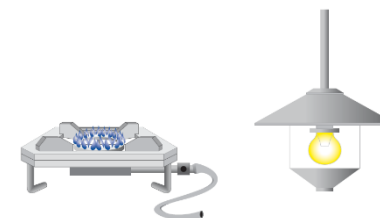
C2. Transporte e esvaziamento manual



C3. Transporte e esvaziamento motorizado



D5. Aplicação de lodo



D13. Uso do biogás

A5.2

Biodigestor com separação de urina e descarga manual



Interface com usuário



Coleta
Armazenamento



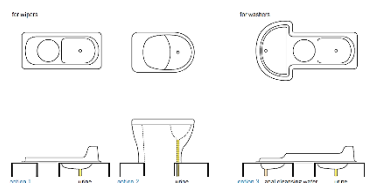
Transporte



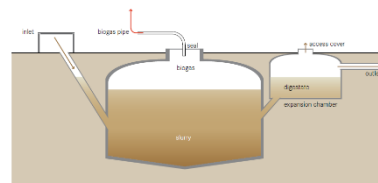
Tratamento



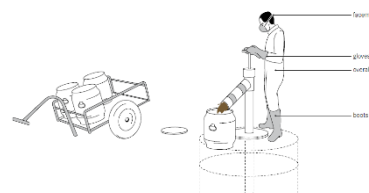
Uso e
disposição final



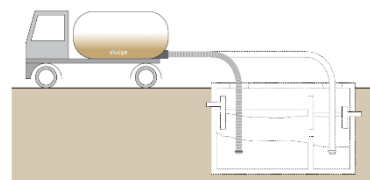
U2.2 Sanitário com descarga manual e separação



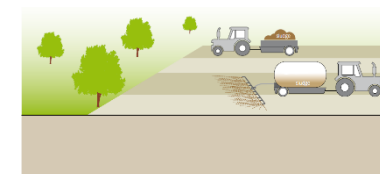
S12. Biodigestor



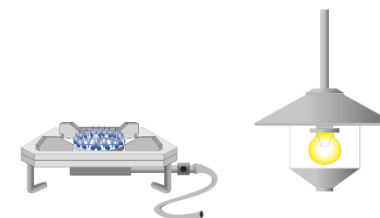
C2. Transporte e
esvaziamento manual



C3. Transporte e
esvaziamento motorizado



D5. Aplicação de lodo



D13. Uso do biogás

A5.3

Biodigestor sem separação de urina e descarga manual



Interface com
usuário



Coleta
Armazenamento



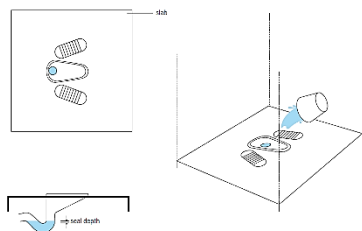
Transporte



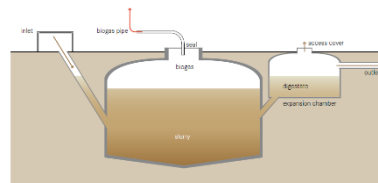
Tratamento



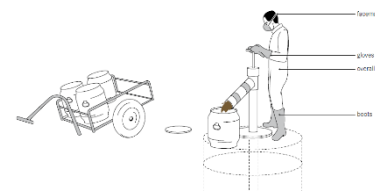
Uso e
disposição final



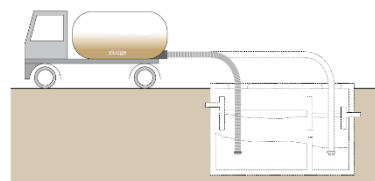
U4. Sanitário com descarga manual



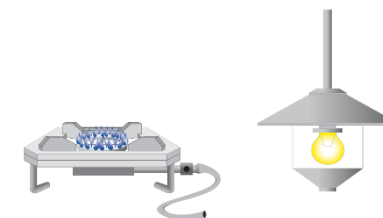
S12. Biodigestor



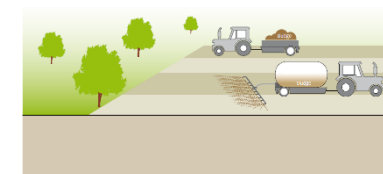
C2. Transporte e
esvaziamento manual



C3. Transporte e
esvaziamento motorizado



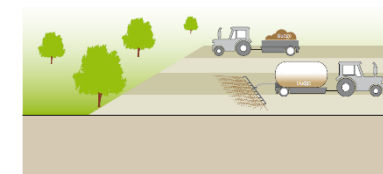
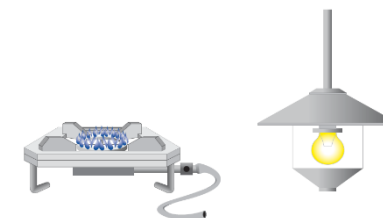
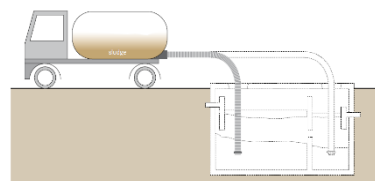
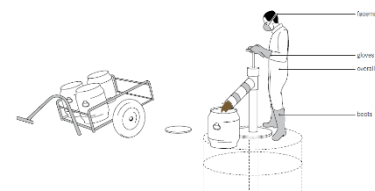
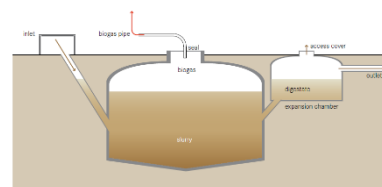
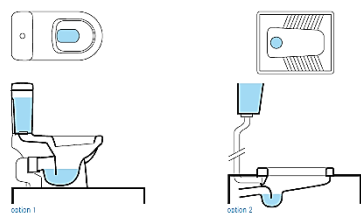
D13. Uso do biogás



D5. Aplicação de lodo

A5.4

Biodigestor sem separação de urina e descarga convencional



A6.1

Disposição de esgoto doméstico com vala de infiltração e descarga convencional



Interface com usuário



Coleta
Armazenamento



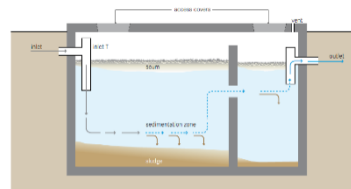
Transporte



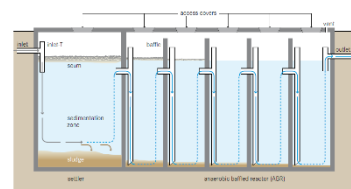
Tratamento



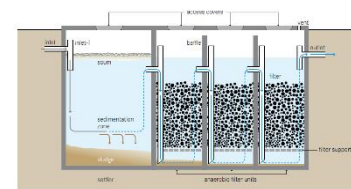
Uso e
disposição final



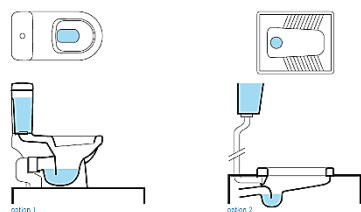
S9. Tanque séptico



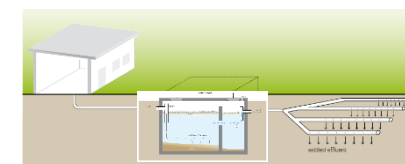
S10. Tanque séptico compartimentado



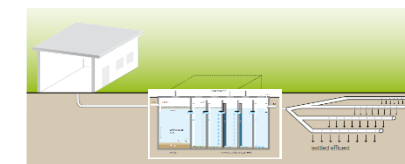
S11. Tanque séptico com filtro anaeróbio



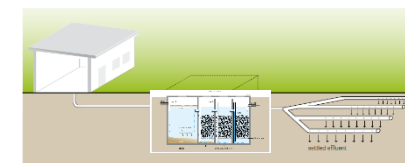
U5. Sanitário com descarga



D8. Vala de infiltração



D8. Vala de infiltração



D8. Vala de infiltração

A6.2

Disposição de esgoto doméstico com sumidouro e descarga convencional



Interface com usuário



Coleta
Armazenamento



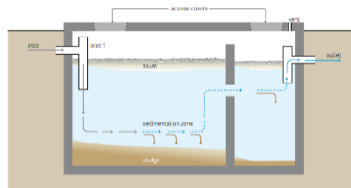
Transporte



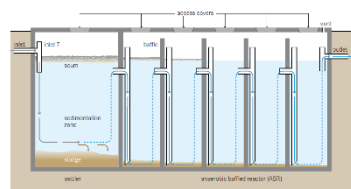
Tratamento



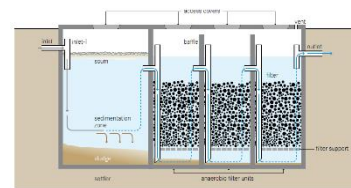
Uso e
disposição final



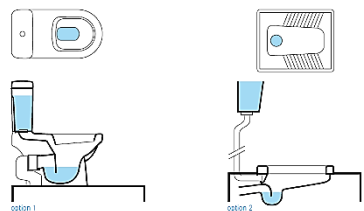
S9. Tanque séptico



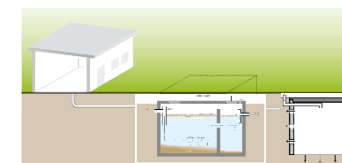
S10. Tanque séptico compartimentado



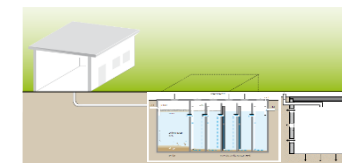
S11. Tanque séptico com filtro anaeróbio



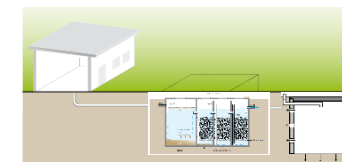
U5. Sanitário com descarga



D7. Sumidouro



D7. Sumidouro



D7. Sumidouro

A6.3

Disposição de esgoto doméstico com vala de infiltração e descarga manual



Interface com usuário



Coleta
Armazenamento



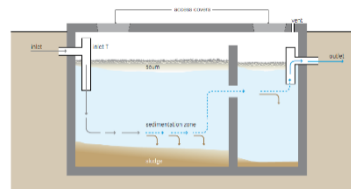
Transporte



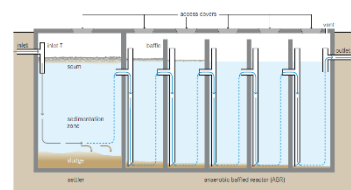
Tratamento



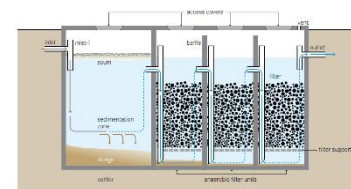
Uso e
disposição final



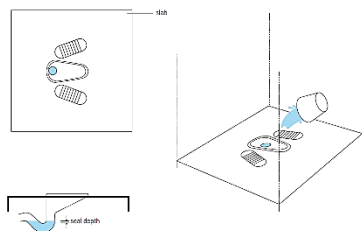
S9. Tanque séptico



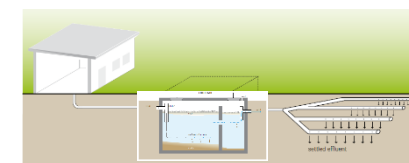
S10. Tanque séptico compartimentado



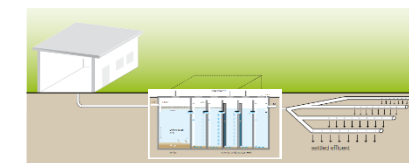
S11. Tanque séptico com filtro anaeróbio



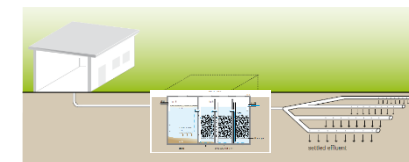
U4. Sanitário com descarga manual



D8. Vala de infiltração



D8. Vala de infiltração



D8. Vala de infiltração

A6.4

Disposição de esgoto doméstico com sumidouro e descarga manual



Interface com usuário



Coleta
Armazenamento



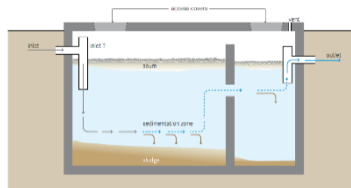
Transporte



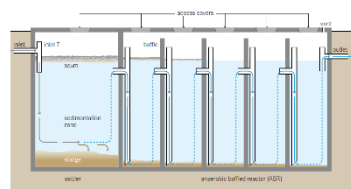
Tratamento



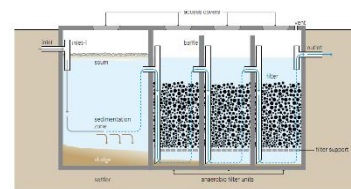
Uso e
disposição final



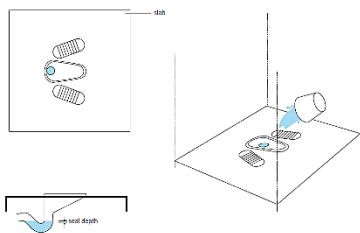
S9. Tanque séptico



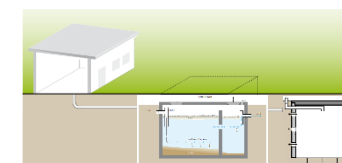
S10. Tanque séptico compartimentado



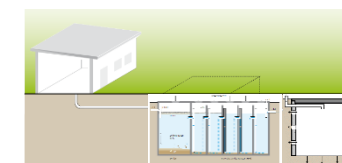
S11. Tanque séptico com filtro anaeróbio



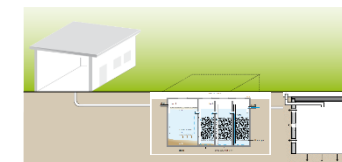
U4. Sanitário com descarga manual



D7. Sumidouro



D7. Sumidouro



D7. Sumidouro

A7.1

Alternativas ecológicas para efluentes domésticos sem separação de urina e descarga convencional



Interface com usuário



Coleta Armazenamento



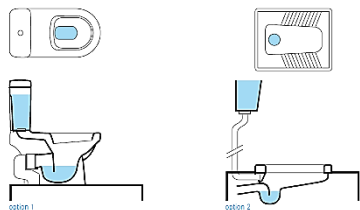
Transporte



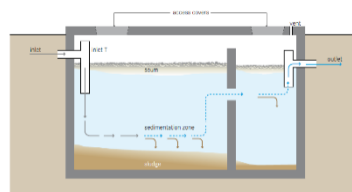
Tratamento



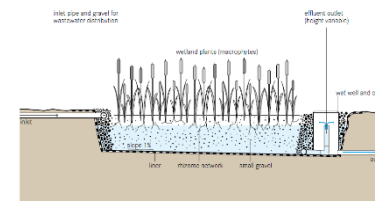
Uso e disposição final



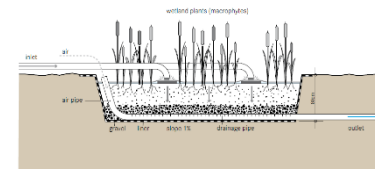
U5. Sanitário com descarga



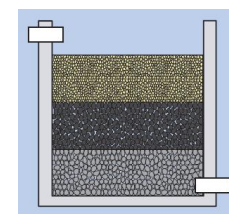
S9. Tanque séptico



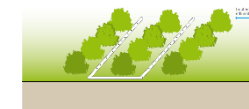
T8. Wetlands construídos de fluxo horizontal subsuperficial



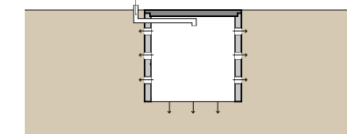
T9. Wetlands construídos de fluxo vertical subsuperficial



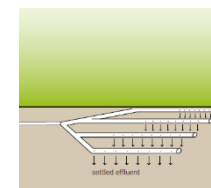
T18. Filtro de Areia



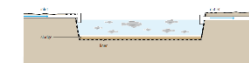
D6. Irrigação



D7. Sumidouro



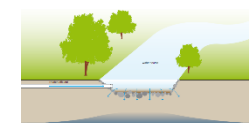
D8. Vala de infiltração



D9. Lagoa para produção de peixes



D10. Lagoa de plantas flutuantes



D11. Disposição superficial/Recarga de aquíferos

A7.2

Alternativas ecológicas para efluentes domésticos com separação de urina e descarga convencional



Interface com
usuário



Coleta
Armazenamento



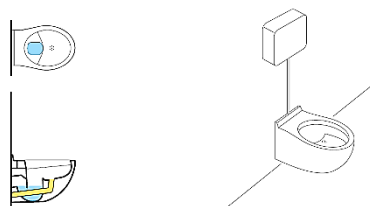
Transporte



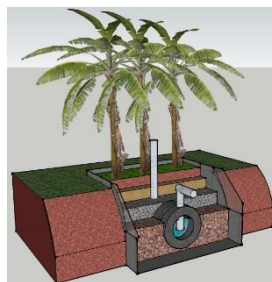
Tratamento



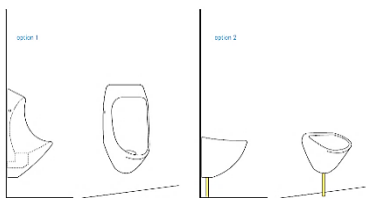
Uso e
disposição final



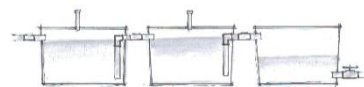
U6. Sanitário com descarga e separação



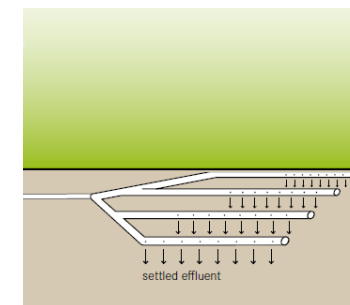
S16 - tanque de evapotranspiração



U3. Mictório



S17 – Fossa biodigestora



D8. Vala de infiltração

A7.3

Alternativas ecológicas de águas negras com descarga convencional



Interface com
usuário



Coleta
Armazenamento



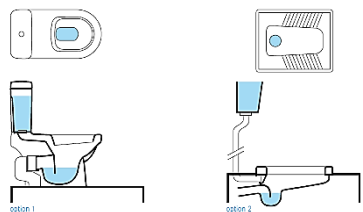
Transporte



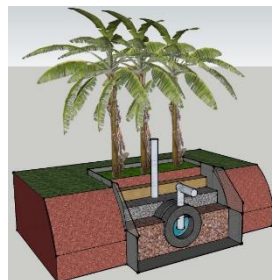
Tratamento



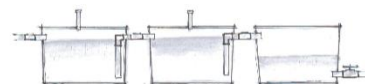
Uso e
disposição final



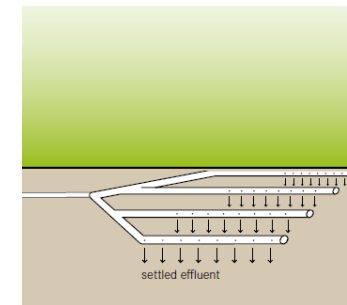
U5. Sanitário com descarga



S16 - tanque de evapotranspiração



S17 – Fossa biodigestora



D8. Vala de infiltração

A7.4

Alternativas ecológicas de águas negras com descarga manual



Interface com
usuário



Coleta
Armazenamento



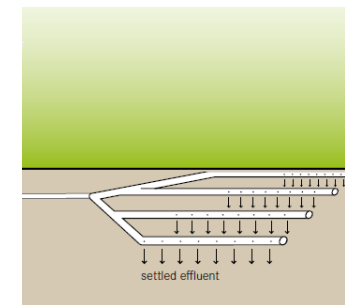
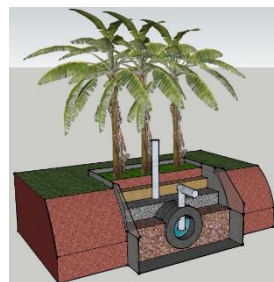
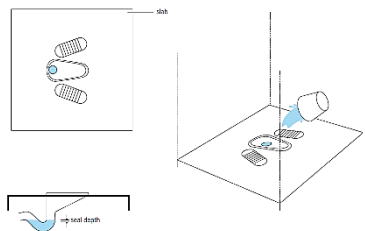
Transporte



Tratamento

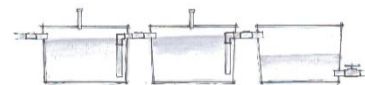


Uso e
disposição final



U4. Sanitário com descarga manual

S16 - tanque de evapotranspiração



S17 – Fossa biodigestora

D8. Vala de infiltração

A7.5

Alternativas ecológicas para efluentes domésticos com separação de urina e descarga manual



Interface com usuário



Coleta Armazenamento



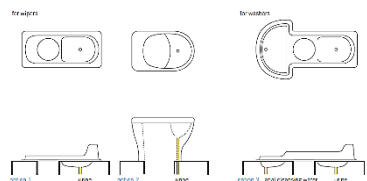
Transporte



Tratamento



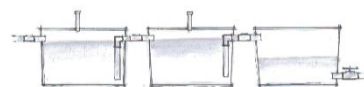
Uso e disposição final



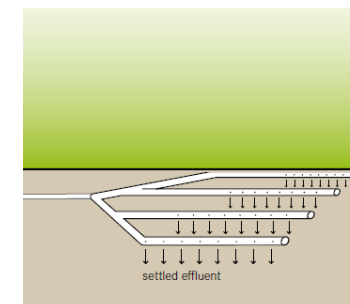
U2.2 Sanitário com descarga manual e separação



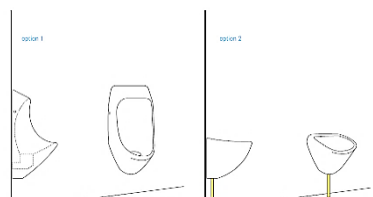
S16 - tanque de evapotranspiração



S17 – Fossa biodigestora



D8. Vala de infiltração



U3. Mictório

A7.6

Alternativas ecológicas para efluentes domésticos sem separação de
urina e descarga manual



Interface com usuário



Coleta Armazenamento



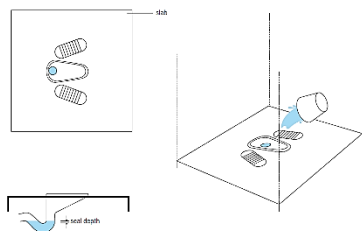
Transporte



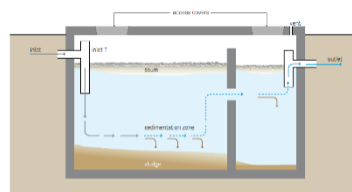
Tratamento



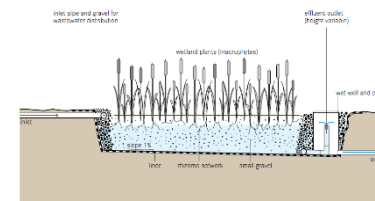
Uso e disposição final



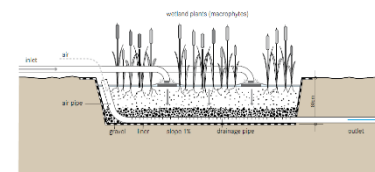
U4. Sanitário com descarga manual



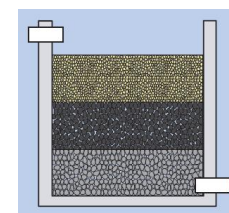
S9. Tanque séptico



T8. Wetlands construídos de fluxo horizontal subsuperficial



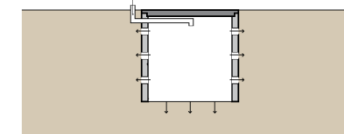
T9. Wetlands construídos de fluxo vertical subsuperficial



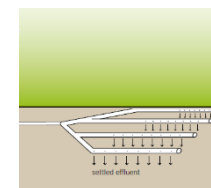
T18. Filtro de Areia



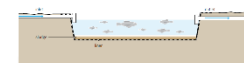
D6. Irrigação



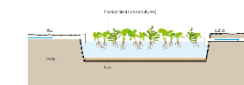
D7. Sumidouro



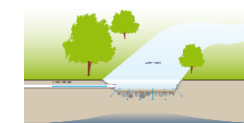
D8. Vala de infiltração



D9. Lagoa para produção de peixes



D10. Lagoa de plantas flutuantes



D11. Disposição superficial/Recarga de aquíferos

A8

Gestão e manejo do lodo



Interface com usuário



Coleta Armazenamento



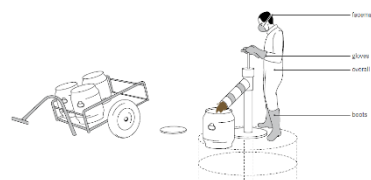
Transporte



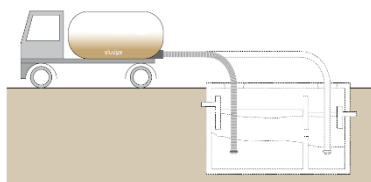
Tratamento



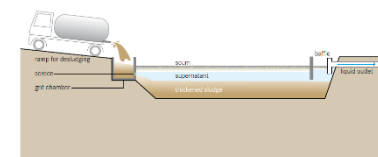
Uso e disposição final



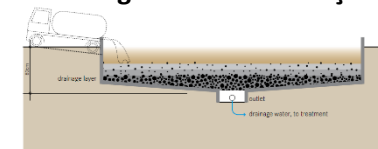
C2. Transporte e esvaziamento manual



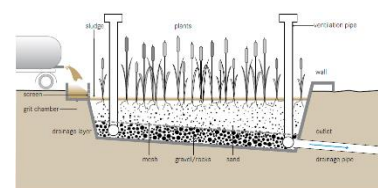
C3. Transporte e esvaziamento motorizado



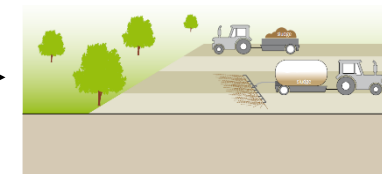
T14. Lagoa de sedimentação



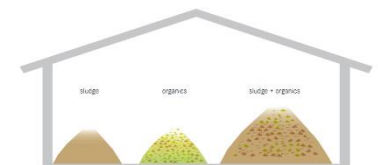
T15. Leito de secagem sem plantas



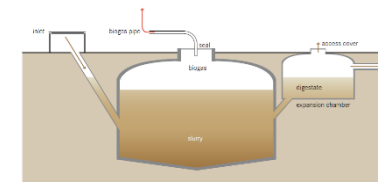
T16. Leito de secagem com plantas



D5. Aplicação de lodo



T16. Compostagem



T17. Biodigestor

A9.1

Gestão da água cinza convencional



Interface com usuário



Coleta Armazenamento



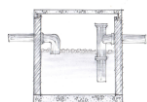
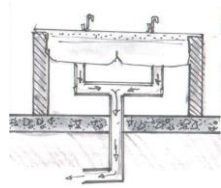
Transporte



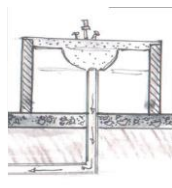
Tratamento



Uso e disposição final



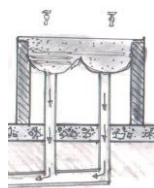
Pia da cozinha e caixa de gordura



Lavatório

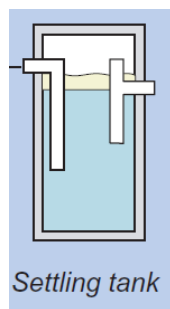


Chuveiro

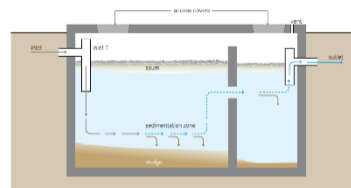


Máquina e Tanque de lavar roupa

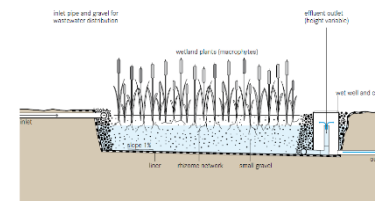
U7. Pontos de geração de água cinza



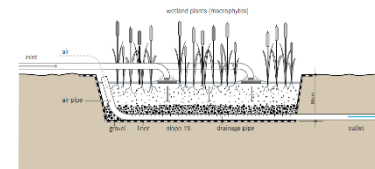
S13. Tanque de sedimentação



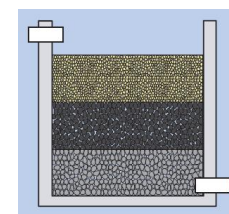
S9. Tanque séptico



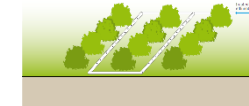
T8. Wetlands construídos de fluxo horizontal subsuperficial



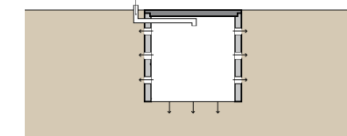
T9. Wetlands construídos de fluxo vertical subsuperficial



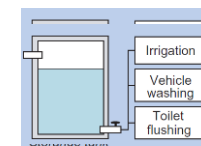
T18. Filtro de Areia



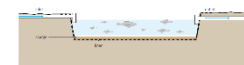
D6. Irrigação



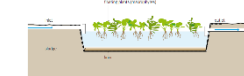
D7. Sumidouro



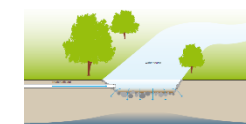
D14. Reuso da água cinza



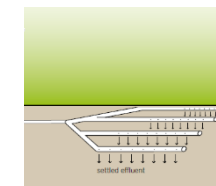
D9. Lagoa para produção de peixes



D10. Lagoa de plantas flutuantes



D11. Disposição superficial/Recarga de aquíferos



D8. Vala de infiltração

A9.2

Gestão da água cinza sustentável



Interface com
usuário



Coleta
Armazenamento



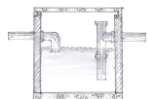
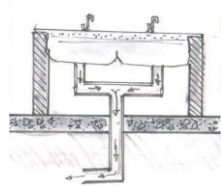
Transporte



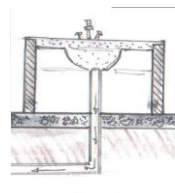
Tratamento



Uso e
disposição final



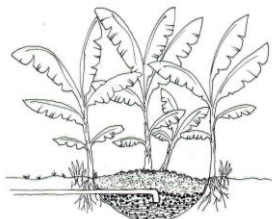
Pia da cozinha e caixa de gordura



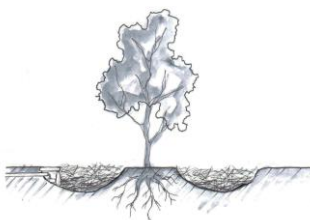
Lavatório



Chuveiro



S14. Círculo de bananeiras



S15. Filtro mulche



Máquina e Tanque de lavar roupa

U7. Pontos de geração de água cinza

A10.1

Gestão da água amarela com descarga convencional



Interface com
usuário



Coleta
Armazenamento



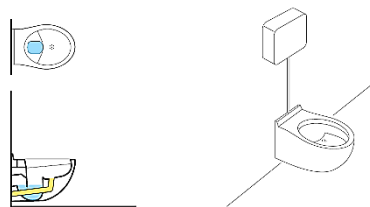
Transporte



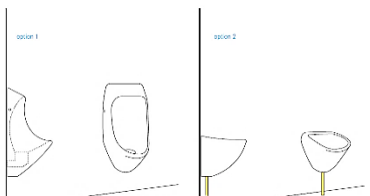
Tratamento



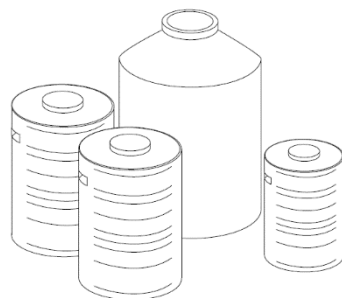
Uso e
disposição final



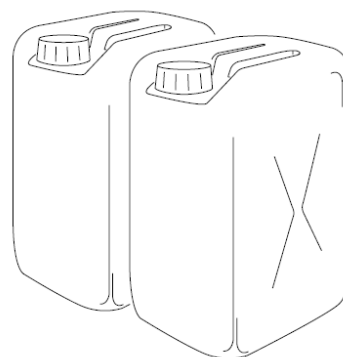
U6. Sanitário com descarga e separação



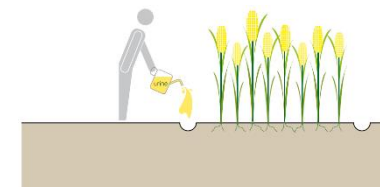
U3. Mictório



S1. Armazenamento de urina



C1. Recipiente para urina



D2. Aplicação de urina armazenada

A10.2

Gestão da água amarela com descarga manual ou sem água



Interface com
usuário



Coleta
Armazenamento



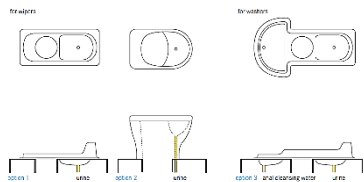
Transporte



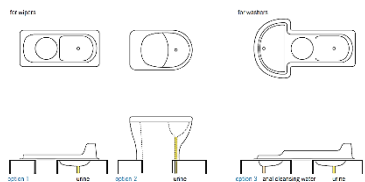
Tratamento



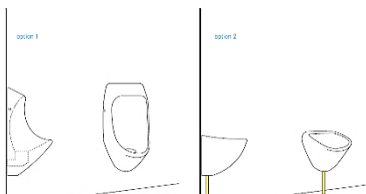
Uso e
disposição final



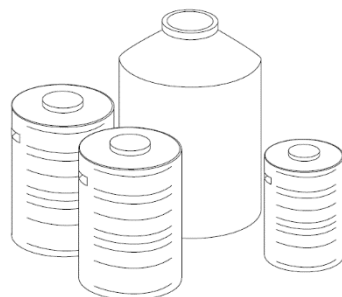
**U2.1 Sanitário seco com
separação**



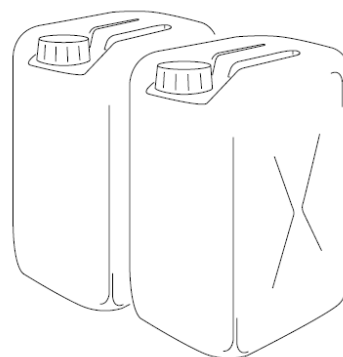
**U2.2 Sanitário com descarga
manual e separação**



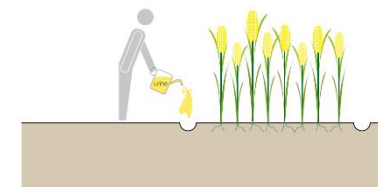
U3. Mictório



S1. Armazenamento de urina



C1. Recipiente para urina



D2. Aplicação de urina armazenada

A Rede coletora de esgoto



Interface com
usuário



Coleta
Armazenamento



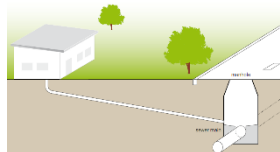
Transporte



Tratamento



Uso e
disposição final



C6. Rede coletora



TPRE

**T1; T2; T3; T4; T5;
T6; T7; T8; T9; T10
T11; T12.**

TPOST

