

# Support

## Support over e-mail

E-mail questions related to latrine building and SanPlat making can be addressed to our technical adviser, Mr Björn Brandberg, [b.brandberg@mail.com](mailto:b.brandberg@mail.com)  
Inform us if you want to be included on our SanPlat e-mail list for the most recent information on SanPlat making and latrine building.

## Consultancy support and training

LCS in cooperation with SBI Consulting can provide consultancy and training support. Mr Björn Brandberg can be contacted through e-mail: [b.brandberg@mail.com](mailto:b.brandberg@mail.com) or [tel/fax +268 404 0067](tel:+2684040067). Training can be arranged at any convenient place. Areas of training are: SanPlat making, Latrine construction and design, Sanitation Promotion, Community Participation, Hygiene Education and Programme Management.

## Information on CD and Internet

More information on moulds for latrine building is available on a CD which comes together with the SanPlat Mould Kit. It can also be ordered directly from LCS-ProMotion. The same information is also available on Internet, [www.sanplat.com](http://www.sanplat.com)

## SanPlat manual in PowerPoint

A PowerPoint presentation of SanPlat making will be included on the CD. Use it as it is (in English) for your training purposes or make your own adaptation.

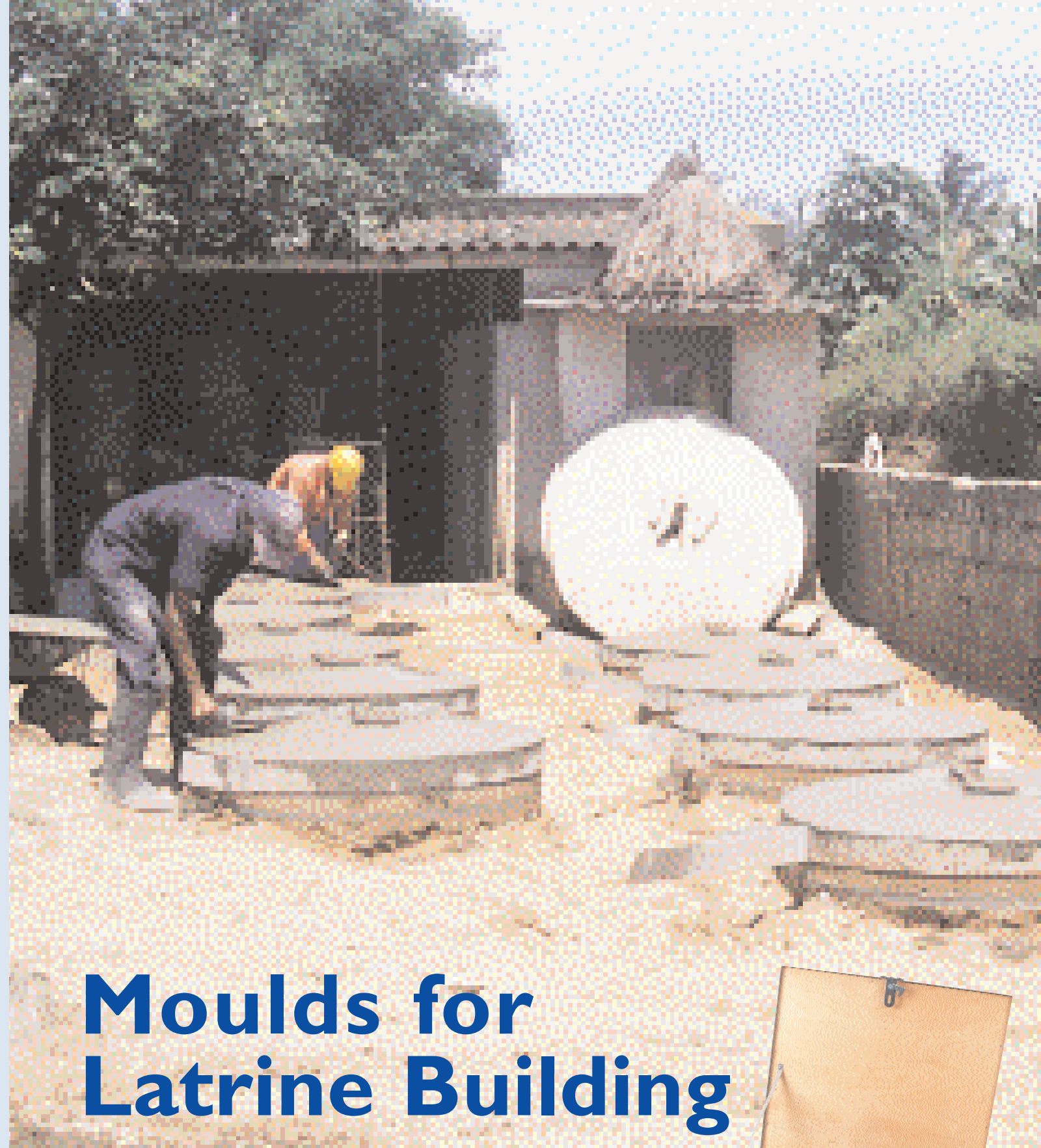
The presentation will be available in

- English
- French
- Portuguese
- Spanish
- Russian

More languages can be added.

## Production of training materials

LCS ProMotion can support preparation of more training material. Inform us about your needs.



# Moulds for Latrine Building



LCS ProMotion

Moulds, manuals, training and support

## LCS ProMotion

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Your supplier

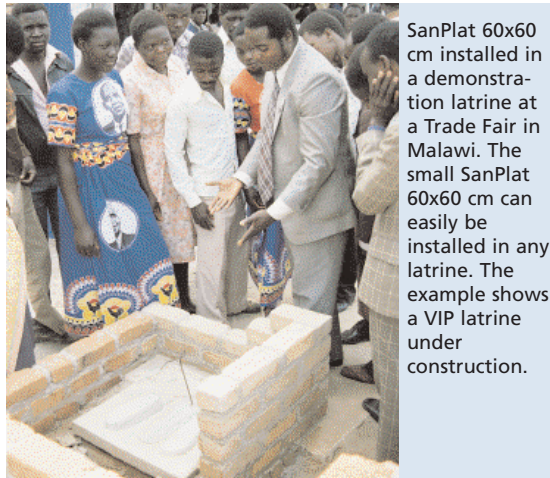


LCS ProMotion

Moulds, manuals, training and support

# Latrine Building and the SanPlat System

A platform for sustainable, demand driven sanitation promotion.



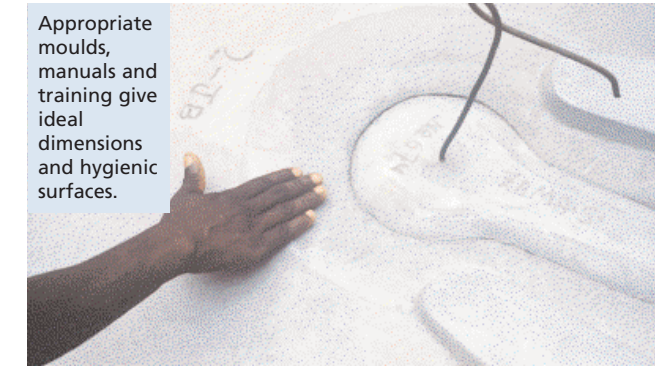
SanPlat 60x60 cm installed in a demonstration latrine at a Trade Fair in Malawi. The small SanPlat 60x60 cm can easily be installed in any latrine. The example shows a VIP latrine under construction.



The small SanPlat 60x60 cm is easily made in an all-in-one plastic mould. For best results the first portion of concrete should be a cement slurry. Later much stiffer concrete (1+2+2 volumes of cement, sand and stone) is added to absorb the excess water.



Serial production of dome-shaped SanPlats at the Maxaquene training centre in Maputo. Note that the SanPlats can be cast one on top of the other, hence reducing the need of space at the casting yard.



Appropriate moulds, manuals and training give ideal dimensions and hygienic surfaces.

## What is a SanPlat?

The word SanPlat stands for *Sanitation Platform* in the double sense of the word:

- It is a high quality squatting platform.
- It is a platform for a Demand Sustainable Driven Sanitation Promotion Programme.

A SanPlat is an improved latrine slab with the following features:

- Smooth and sloping surfaces which encourages regular cleaning.
- Elevated footrests to help the user find the right position, even at night.
- A drop hole that is both comfortable to use and safe even for the smallest children.

A SanPlat can be made with a tight fitting lid which effectively stops smell and flies.

## Demand Based Sanitation Promotion

An attractive product stimulates demand. Using proper moulds and manuals, SanPlats get a smooth finish and a modern look which attracts the eye and stimulates demand. People are then motivated not only to build latrines, but to understand the benefits in terms of hygiene, health, privacy and status.

## Hygiene Education

Theory and practice hand in hand: Hygiene education integrated in a participatory SanPlat programme has an immediate health impact.

## Flexible production

SanPlats can be produced centrally or at village level casting yards by the local people in a decentralised programme. For a participatory programme the "all-in-one" mould is ideal as the SanPlats can be made by each family.

## Building on local traditions and skills

Latrines like houses can be built in different ways. The cheapest and less hygienic traditional latrine can easily be improved with a small SanPlat simply placed over the drop hole. For about US\$ 2.00 a traditional latrine has become an improved latrine, hygienic and child safe.



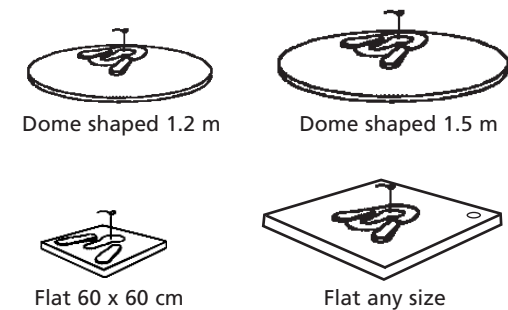
In Mozambique only, over 200 000 dome shaped SanPlats have been built using mainly the big 1.5 m type. In spite of its size a dome shaped slab is light weight and easily installed over a simple pit alone.

## Alternative designs

A latrine can be built in many ways. A few standard SanPlats will fit them all.

Pits can be lined or unlined, round or rectangular. For the somewhat better off a small latrine slab can be integrated in a concrete slab for a VIP latrine. Small SanPlats are also ideal as squatting platforms in pour flush latrines. The super-structure can be built according to the owner's preferences and desired expenditure.

Most families prefer the improved traditional latrine which is also the cheapest option.



Standard SanPlats in concrete. Common shapes and sizes.

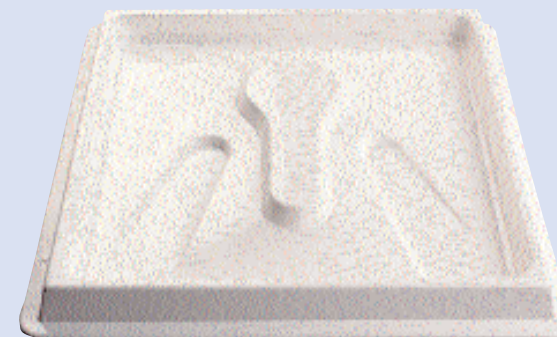
## Box no 1

- The box for conventional SanPlat making.
- 10 drop hole moulds in plastic
  - 2 belt moulds ø 1.2 m
  - 2 belt moulds ø 1.5 m
  - 6 belt clips
  - 2 arch moulds ø 1.2 m
  - 2 arch moulds ø 1.5 m
  - 2 SanPlat foot rest moulds
  - 2 SanPlat frames 60x60 cm
  - Manuals, book and CD.



## Drop hole mould

The same mould as included in Box no 1. Ideal when other moulds are made locally.

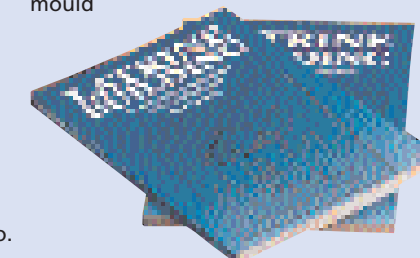


## "All-in-one" SanPlat mould

A plastic mould for making a 60x60 cm SanPlat in one go.

## Latrine building manuals

- by Björn Brandberg
- Latrine Building (Handbook)
  - The SanPlat system
  - Manual to the "all-in-one" SanPlat mould



## Tips for the first time buyer

Buy one or two Boxes no 1 and one box with 10 "all-in-one" moulds before going to scale as many of the moulds can be produced locally.