

## Last Planner with Villego

Build a Villego house together and experience how Last Planner can help project teams deliver your projects more safely, faster, better & cheaper.  
Help project teams see the differences between traditional and lean production in a project environment.



## Get first hand experience of Last Planner® with Villego®

The Last Planner System (LPS) is a production control and commitment management system for projects. Villego gives those who will use Last Planner a simple hands-on introduction.

We are not going to convince you of the many benefits of using LPS here. LPS is *not* something you can simply bolt-on to what you do already. A lean transformation involves a change in thinking, a system change, at the project and at the organisation level.

If you already use Last Planner, you know that to make LPS really work, it's important for all involved to understand how it works. With new sub-contractors and new people on every project the challenge is to build that understanding quickly and thoroughly. Learning by doing is an effective way and that takes time. Learning by doing on a simulation kick starts the process and gives everyone a shared reference point.

Including reviews and an introduction to Last Planner presentation, Villego is a 4.5 hour simulation for between 6 and 18 participants. As in real life, time to complete the build in round 1 varies enormously from group to group. There is variation in round 2 as well but improved planning helps to reduce build time, usually by a factor of 4-5.

Learning LPS takes more than Villego. What Villego does is to help get the process up and running more quickly and enable participants to see the benefits of subsequent coaching to support a thorough implementation and embed the new habits that LPS requires.

In academic settings Villego can help students understand the basics of LPS and appreciate how LPS works when they visit site.

## The simulation

### Structure

Villego is run in two rounds with an introduction to Last Planner between them. Round 1 is the old way, round 2 is the lean, Last Planner way. In this way participants are able to compare data collected in round one with that from round two so that they can appreciate the effects of the changes.

### Time

The two rounds and the introduction take about 4.5 hours in total.

In the context of a university course or an in-house lunch & learn it is possible, but not particularly desirable, to run Villego over three 90-100 minute sessions.

### Number of participants

Between 6 and 18 in each simulation.

### Number of facilitators

At least one per simulation.

We use Villego as part of an introduction to lean as well as Last Planner. On day one we run an introduction to lean. We use another simulation for that.

Villego is the centerpiece of day two. We suggest you start day two with LCI's Parade of Trades – another excellent simulation that will help you set the scene for the Villego simulation.



## Villego Kit

### What is in the Villego kit?

- Instruction manual (always in English);
- Laminated instructions for each role;
- An excel file for calculating scores;
- Personal protective equipment;
- Site safety marking;
- 6 colors of sticky notes;
- Lego material for the material supplier;
- Skip/dumpster for waste;
- Copies of all large consumables for the first use;
- An USB stick containing PDF copies of all printed consumables so that you can reprint as required.

### What you need to provide

- Flipchart;
- Pens/pencils;
- Laptop and data projector;
- Room with at least 20 linear feet/6m of clear wall to attach planning forms;
- Pair of scissors;
- Your own LPS presentation.

*For more information and to order:  
[www.villego.com](http://www.villego.com).*

## Villego®, the Last Planner Simulation is available now

Villego is available in English, French and German and is being translated into Spanish and Portuguese. The instruction manual for trainers is always in English.

### Prices

The price for the first Villego set in each language is €1250. The price for two sets in the same language is €1900, for three sets €2625 and for four sets €3200. These prices exclude VAT on orders from within the EU and shipping. If you want to order more than four sets in the same language at once, please contact us. The price for each next set will be €800.

### Villego is available for purchase for

- organizations involved in project-based production including construction and design;
- Universities, colleges and industry training organizations;
- consultants outside the Netherlands who are on the LCI list of recognized Last Planner coaches;
- on condition that it is not resold without prior written permission or used to offer training within the Netherlands.

Villego is not available to consultancy or training organizations in the Netherlands.



*Last Planner® is a registered trade mark of the Lean Construction Institute [www.leanconstruction.org](http://www.leanconstruction.org). It is sometimes known as 'collaborative planning', 'lean planning', 'workface planning'.*

*Villego® is a registered trademark of BOB bv, the leading Education Institute for management in the Construction Industry The Netherlands. Villego is created by BOB bv, EN& and The Change Business Ltd (TCB).*