

## Dear BioNova Partners & Customers,

at the moment, several low pressure areas from Siberia are controlling the weather in Europe. The temperatures are sub-zero and some places have more snow falling now than all of last winter. On the other hand, the shops are beginning to sell flowerpots with the first primrose, narcissus, and tulips, and so Spring is beginning to get into the minds of the people. Everybody knows: soon nature will also awake outside!

The BioNova Group also looks forward to Springtime. But there are still some months left till then, so we have to be patient. Maybe this Newsletter will make you dream a little bit about the sun, flowers and spring at a BioNova NSP - maybe it shortens the waiting period. Enjoy reading!

Your BioNova Global Head Office Team

Rainer Grafinger, Christine Schoeck, Andrea Enseleit, Stephanie & Jusuf Rifatov

## Project of the month



The Project of the Month in February 2012 is a beautiful NSP in Switzerland built by the BioNova Partner Egli Gartenbau from Uster.

The geometrically shaped NSP has a water volume of about 120 cubic meters with swimming and regeneration areas placed together in one vessel. About 40 square meters can be used for swimming and bathing. The regeneration zone, built in the form of a planted soil filter, is sized at about 50 square meters. The natural design of the regeneration area forms an interesting contrast to the straight lines of the swimming area.

Mr. Egli has covered the NSP with a natural stone called verde spluga, which is also known as green gneiss. This

material makes the NSP look very noble. Because of its smooth surface, verde spluga is also very easy to clean.

The brick and natural stone stairs provide the owners with easy access from their terrace into the NSP.

Image source: [www.egligartenbau.com](http://www.egligartenbau.com)

## The BioNova Family



This month we present a long-time BioNova Partner with much experience in building Natural Swimming Pools. The company Zinke Gartenbau from Arenshausen in Germany has been a member of the BioNova Family since 1999. Stephan Zinke and his team have completed many beautiful BioNova projects.

Typical of the work of Mr. Zinke is very natural design. Whether a small, family pool with palms, or a noble Natural Swimming Pool with several wooden terraces, in his projects nature plays the lead.

Of course, he profits greatly from his experiences as practiced gardener. In the course of his extensive career, he has developed an unerring eye for intelligent combination of different design elements. But the company does not only offer the building of NSPs; they also offer consultation, planning, building and maintenance of all kinds of gardens. Of great interest are those gardens that are designed under a special theme, such as marsh gardens, cottage gardens, Japanese gardens, or roof gardens. The company always works on new, creative garden ideas for its customers.

They also do very professional paving, including work enlivened by combining different kinds of ornaments and materials. Additionally included in their repertoire are fountains, dry walls, stairs and other design elements made of natural stone, and smart lighting solutions for gardens.



You'd like to find out more about Stephan Zinke and his company?  
Just visit: [www.zinke-gartenbau.de](http://www.zinke-gartenbau.de)  
and find an amazing world of gardens!

## Dates 2012

Training events, fairs, meetings – we've got a lot going on with the BioNova Family! Review the following to see where the next activities of the BioNova Global Head Office and the BioNova Partners will take place:

## BioNova training events 2012

In the year 2012, the BioNova Global Head Office will again offer several different training events for all partners. Following are the dates.

### BioNova training for English speaking partners

February, 23 & 24, 2012, Best Western Hotel, Parsdorf near Munich (Germany)

We offer this training for our foreign partners in English. In the year 2011 many came from the USA to Munich, to take knowledge home across the wide pond. For this year partners from Italy and Serbia even signed up for the English speaking training. And also our new Indian partner will take part for the first time.

### BioNova training for beginners, German speaking partners

February, 27 & 28, 2012, Best Western Hotel, Parsdorf near Munich (Germany)

At this training event, beginners, for example new BioNova employees, are introduced to the knowledge of planning and building NSPs and biological Natural Pools. Also welcome are partners who want to refresh their knowledge.

### BioNova Training for Advanced Partners, German Speaking Partners

March, 1, 2012, Best Western Hotel, Parsdorf nearby Munich (Germany)

This is a special additional training for our advanced BioNova partners.

## Dates 2012

### March

#### Exhibition Homes and Real Estates

March, 08 – 11, 2012, Bern (Switzerland)

BioNova Partner Hans Graf will take part at this Swiss exhibition.

## BioNova Standard Building Method The BioNova "Prehistoric Rock" – That's How it Began



The first BioNova NSPs were built at the end of the 1980s according to the BioNova Standard Building Method. This building method is continually being refined, but the basics are still the same. As at pump-powered swimming pools, the water is extracted from the surface by a fixed overflow gutter. In the early designs, a plastic "Schafferl," or spillover, was used as an overflow gutter.

But today the overflow gutters are made out of stainless steel. The overflow gutters remove water and also small dirt particles on the surface. The advantage of the overflow gutters made of stainless steel, which can be bought in different lengths and styles, is the better energy balance in the flow of water, contrasted with the BioNova Eco Building Method.



The BioNova Standard Building Method uses a lower energy pump and achieves the same effects as the skimmers of the BioNova Eco Building Method. In addition the draw area of the overflow gutter is bigger, which optimizes the removal of dirt.

## BioNova Standard Building Method



The strength of this building method is definitely the mix of saving energy and the effective removal of dirt. For those reasons, this Building Method is the best for the NSPs that have to deal with a lot of dust or leaves.

The water circulation is nearly the same as the BioNova Eco Building Method: overflow gutter – fine filter – pump – planted soil filter with aquaculture.

If this building method is chosen, a huge water reservoir must be built as a catch basin. If the reservoir is large enough, it can be used to buffer rain water. Ideally, the water reservoir is placed under a wooden terrace. This building method is often used for geometrically shaped NSPs because of the advantage of working with walls made out of concrete.

So although the BioNova Standard Building Method is over 20 years old, it's still a very modern and competitive NSP method today.

To view more pictures, please visit our photo gallery:  
[http://www.bionova.de/natural\\_swimming\\_pools\\_references.htm](http://www.bionova.de/natural_swimming_pools_references.htm)



## BioNova Historical



One of the first BioNova Projects in Germany was constructed in 1996 at Gräfelfing, Bavaria.

This BioNova NSP was built according to the One Pot Building Method and placed in front of the terrace.

For the suction of the water surface, neither skimmers nor overflow gutters were used: a so-called „Schafferl“ - a small spillover - had to be enough for this work. Even then the water had to pass through the BioNova fine filter (a precursor of the current model) before it was pumped to the distributor at the regeneration area.

Also out of use today is the BioNova pond bag that was used at this NSP. The BioNova pond bag has been nearly driven out of the market today by materials that are much easier to clean, like concrete, wood, natural stones and above all granite. But at this project, the BioNova pond bag still does a good job.

The owner of the property, a passionate gardener, embellished the surroundings of the 90 square meter NSP with additional ericaceous (acid soil-loving) plants, to give the whole garden a very natural touch.

From the winter garden of the house the owners have a wonderful view the whole year long, and so they can watch the changing seasons at the NSP.