



## Nordic – Cool Molding



I like the Nordic group. They are small, friendly and enthusiastic with a lot of the original spirit of ARM still in evidence whereby they come together as a small group trying to learn together. The leadership is unselfish in their push to support the molding community and they recognize the benefits of sharing and trying to solve fundamental challenges together.

The latest conference held at the start of February in Borås, Sweden was as important for the quick-fire content of presentations and small trade-show booths over two days as it was a social event for molders to renew connections. With a turnout of over 90 people, new molders from the Baltic states, old hands from Finland and Norway mixed with a wide range of suppliers from all over Europe. There were a few of us from further afield and, as you can see from the photograph, we were an attractive bunch.

A highlight of the event was a tour of the local molding facilities of Uponor – another sign of the cooperation between molders was that they allowed all attendees to visit. It is a nice operation running some complex parts and they even laid out red carpet and had champagne and strawberries for everyone!

Of course, my materials seminar was fun and well received – they even asked a few questions along the way...

The association has 31 members but there are more molders in the Scandinavian / Baltic region and while the general economies of some of the member states are not strong, there continues to be development in a range of product areas. They have a penchant for waste water treatment systems driven to an extent by regulation but also by the environmentally friendly cultures in the region.

Overall a great trip and nowhere near as cold as expected – things are definitely warming up in Sweden!

### Settled Science

And on that subject, I agree with our latest batch of climatologist politicians and movie star scientists – the science for climate change is settled.

The only problem is that it will take another 10 years for the general population to realize it through practical experience. The scaremongering over incomplete and inaccurate computer models is slowly being

undermined – by nature herself. As the saying goes, junk-in, junk-out. Our local weather station can't tell us the weather 15 days from now yet we are told that they can predict the state of the entire world in 100 years...

As with all pseudo-religions, the point of view of many people has been determined through indoctrination so we can't expect to change it quickly. The force with which the latest generation of children has been brain-washed is remarkable – North Korea would be proud. Happily, as the cracks in the dire predictions are showing, real science continues to emerge (despite the best efforts of the media and government to suppress it) that shows what has really happened and what is more likely to take place. The world is not going to end and, despite our delusions of omnipotence, the actions of man have little to no influence on whether it will.

If you have read this far, it probably means you are willing to listen to the other side of the story. You may not believe them at first but, for the record, let me share ten inconvenient facts (provable and testable if you do a little research).

1. The average temperature of the planet has not changed in the last 18 years despite

gradually rising CO2 levels. NASA's own data shows it and the IPCC is having a hard time spinning it.

2. CO2 levels have been very much higher in the past when the earth has been both much warmer and also covered in glaciers: yes, that's correct, high CO2 and covered in ice. The earth (and life) survived and I can't think of anything that disproves the computer models more.
3. Ice core analysis has improved. The records from Antarctica and Greenland show that CO2 does not cause temperature increase. It is actually the reverse – the data shows that temperature rises and then CO2 rises. Check out the Vostock ice core data.
4. CO2 is not a pollutant despite what the EPA declares. It is an essential part of photosynthesis – without it, life simply would not exist on earth. The current level (390ppm) is actually low in terms of the geological record and is naturally rising between 100,000 year glacial periods.
5. Water vapor in the atmosphere is the main 'greenhouse gas' not CO2. Clouds both cool the planet (reflectance) and warm the lower atmosphere (trapping). Interestingly, the computer models used for predictions do not fully understand their effect. As humans, our activities have little to no effect on the global scale at which they regulate heat flux.
6. The sun is the source of all energy on earth. Our distance from it varies in an elliptical orbit, our tilt varies gradually over time and solar sunspots vary over a regular cycle (11 year periods). The solar minimum with reduced heating of the earth (radiative forcing) currently under way is a much better explanation of why the planet is not warming than anything else.
7. 90% of the world's ice is contained in Antarctica – it is growing, not melting – recent reports on melting focus on one small area which has now been found to be over a volcanic region.
8. Sea levels have risen by seven inches over the last century. There are no indications

that the rates will be any greater over the next century. It also varies from region-to-region.

9. Animal respiration and decaying vegetation produce somewhere around ten times more CO2 than all fossil fuel burning combined. Even you add 2.3lbs (1kg) of CO2 to the atmosphere daily as you breathe.
10. Polar bears are not in danger – their populations have grown and their ice has not disappeared (research it, don't listen to the hype).

At the end of the day, even eliminating the entire human CO2 production would not stop the process of change. The lobbyists know that, even the IPCC hints that they realize it. The question is why do they push for legislation and control? Who knows for sure, there are some of the elites who will

benefit personally by investing in exchanges for carbon credits, there is control of the population and pushing a general 'green' agenda against big oil. If Wall St. thinks carbon credit trading is a good idea, you have to ask the question as to whether it is really about the environment?

I'm all for using our global resources more efficiently and polluting the planet less. However, scaring people with dogma and pseudo-science rather than educating them about the real underlying mechanisms will not develop solutions in the right way. If the governments of the world and groups promoting restrictions on the use of fossil fuels have their way, the main people who will suffer are the poor, and not just in developing countries but also the working poor of the industrialized west. Let's talk again in 2026 – I have a \$100 bet to collect from a current skeptic... 



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