

We make it easy to do it right



ADURO A/S

Christian Skovbo, CEO

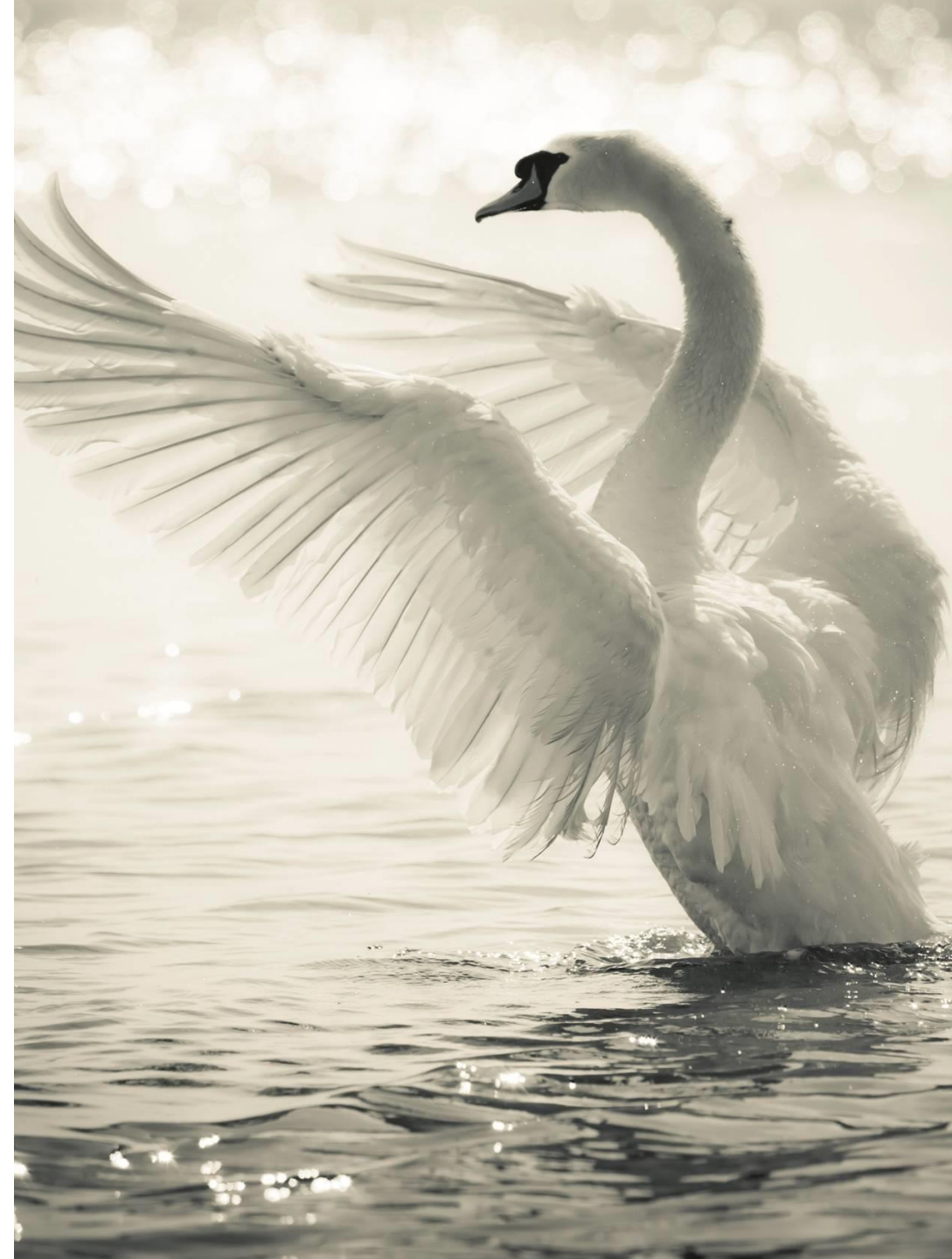


Our Goal

- Our objective has been to help the inexperienced customer to master the use of the stove to perfection.
- The solution should be available for a large customer group and not expensive. Price target RRP 100,00 euro.
- Retrofitting must be possible.



"Heating with wood is CO₂ neutral"



Our challenge



- Transfer our expert knowledge into useful "on time advice"
- No need for constant user-adjustment of the air supply
- Easy service and maintenance



Tests

- Firewood <18%, 20-22%.
- Quantity of firewood. 1,5 – 2,0 – 2,5 – 3 kg
- Chimney Draft. Minimum, Normal, High
- Heat output: Maximum, 75% 50%

Tstart: ca 150					
Fugtighed: tørt.					
	[kg]	[kg]	[kg]	[kg]	
		1,5	2	2,5	3
Pa: 20+	31.1.2	22.1.1	28.1.1	23.1.2	
eff: 100%	5.2.6				
Pa: 20+	21.1.1	22.1.5	29.1.1	25.1.1	
eff: 75%					
Pa: 20+	21.1.2	22.1.2	29.1.3	25.1.2	
Eff:50%					
Tstart ca 150					
Fugtighed: tørt.					
	[kg]	[kg]	[kg]	[kg]	
		1,5	2	2,5	3
Pa: norm	31.1.1	22.1.3	31.1.6	24.1.1	
eff: 100%	5.2.4				
Pa: norm	21.1.3	22.1.4	28.1.2	24.1.3	
eff: 75%					
Pa: norm	21.1.4	23.1.1	28.1.3	25.1.3	
Eff:50%					
Tstart ca 150					
Fugtighed: tørt.					
	[kg]	[kg]	[kg]	[kg]	
		1,5	2	2,5	3
Pa: min	31.1.4	24.1.2	29.1.2	28.1.4	
eff: 100%					
Pa: min	21.1.5	23.1.4	29.1.4		
eff: 75%					
Pa: min		23.1.3			
Eff:50%					



Aduro-tronic film



Aduro Smart Response



Does it work?

Test at Teknologisk Institut shows that the stove with Aduro-Tronic used under “real life” conditions with no user adjustment is close to “expert test” during EN and NS testing.

*Particle filter shows results which are maximum 20% above type test optimum.
“Real life” tests are below new standards.*

*Efficiency is slightly below EN tests (around 73%) due to longer burn cycles
(60 to 120 minutes)*



User comments

Amateurs quickly learn to use the stove as they start with poor results – and they are now aware of this. They want to be better and change behavior.

"I always thought I was using my stove correctly, but now I can see that the temperatures at which I was burning were much too high. At the same time it's really smart that it lets you know when it's time to add more firewood."

We avoid to relight the stove because we don't forget to add firewood in a busy household. We reduce the emissions as the lighting phase creates most smoke and particles.

