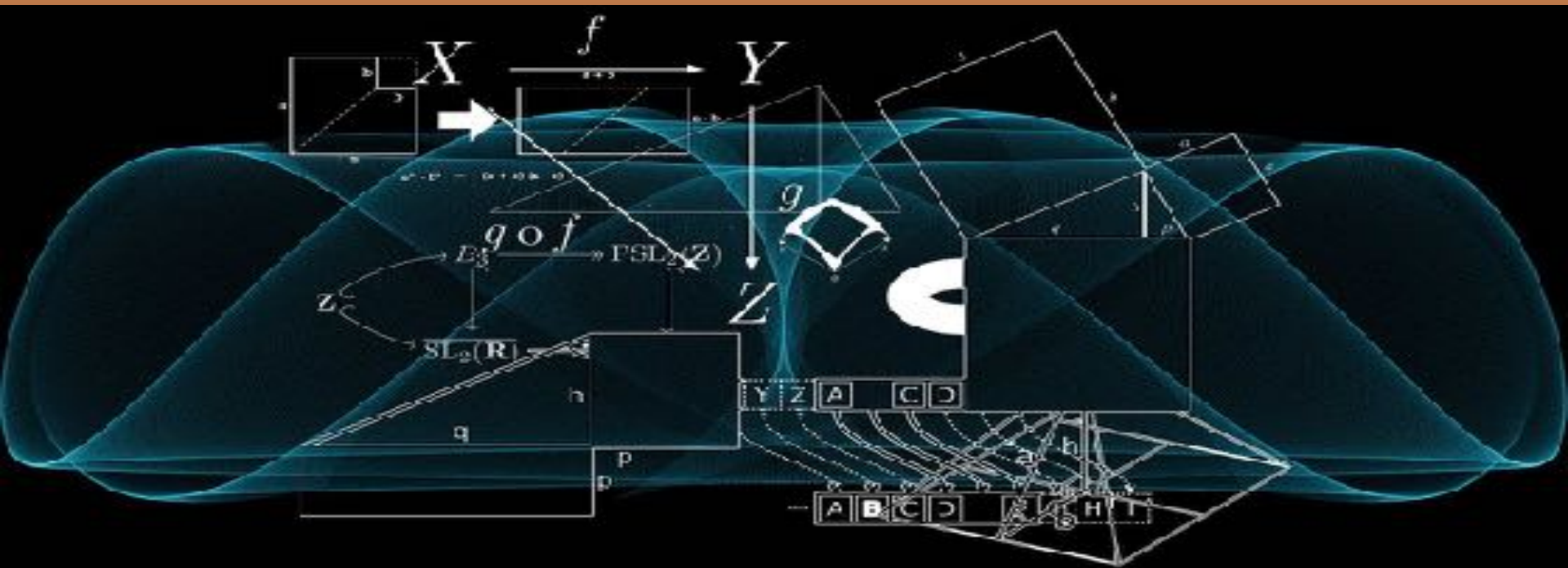


HYBRID PROCESS FOR COTTON DYEING



HYBRID PROCESS, which means the application of various methods together in terms of reducing production time, reducing costs and reducing the use of resources such as manpower, water and electricity, provides more efficient, economical and environmental approaches.

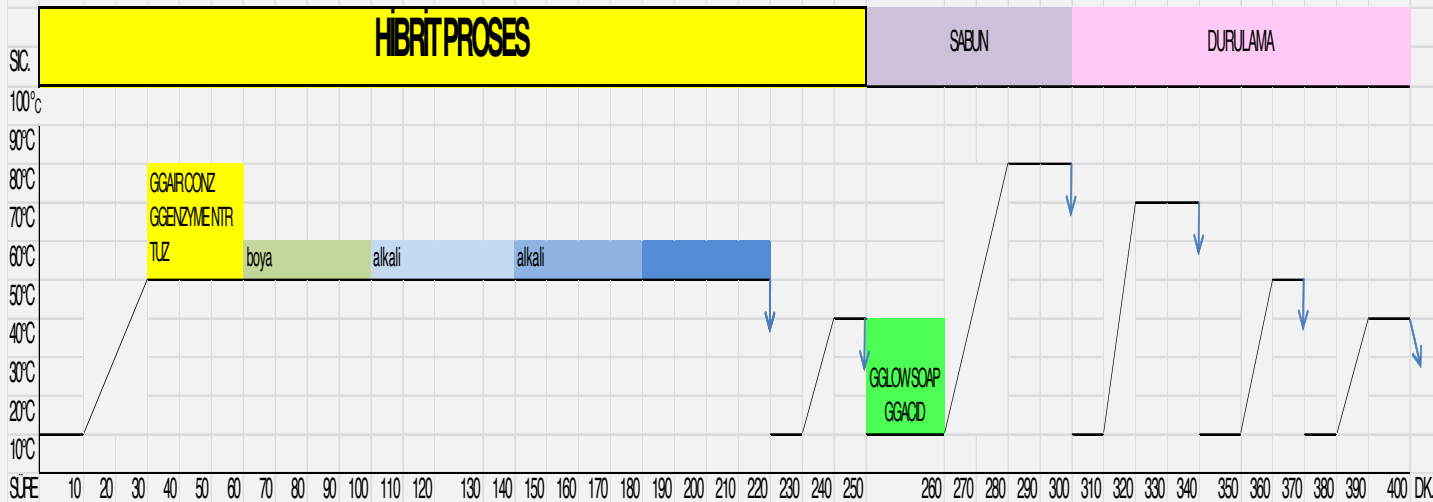
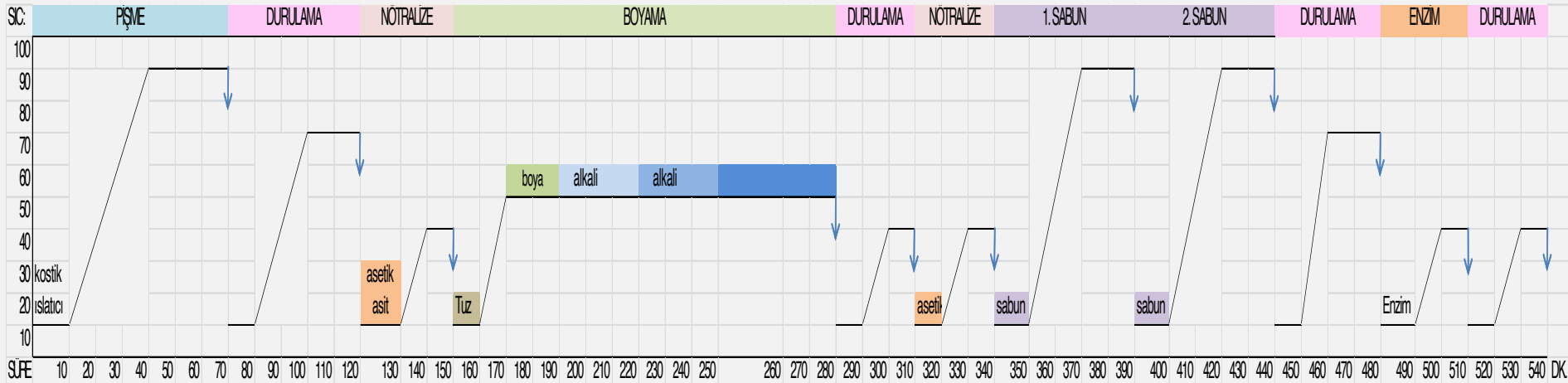
In textile processes, the most important solution for sustainability is **hybrid processes**.



- The dyeing processes of medium and dark color fabrics in textile dye-houses are the processes has the most inputs.
- Advantages of hybrid production;
 - 50% less water
 - 26% less labor
 - 53% less energy
 - 25% less chemicals and dyes
 - 50% less waste water
 - 26% less time
 - 30% Capacity Increase
 - 2 – 3% less process waste



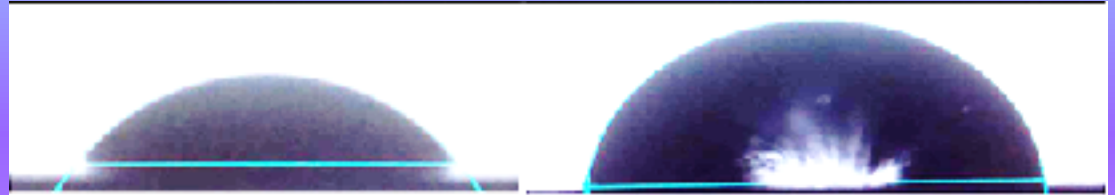
Standard Process & Hybrid Process



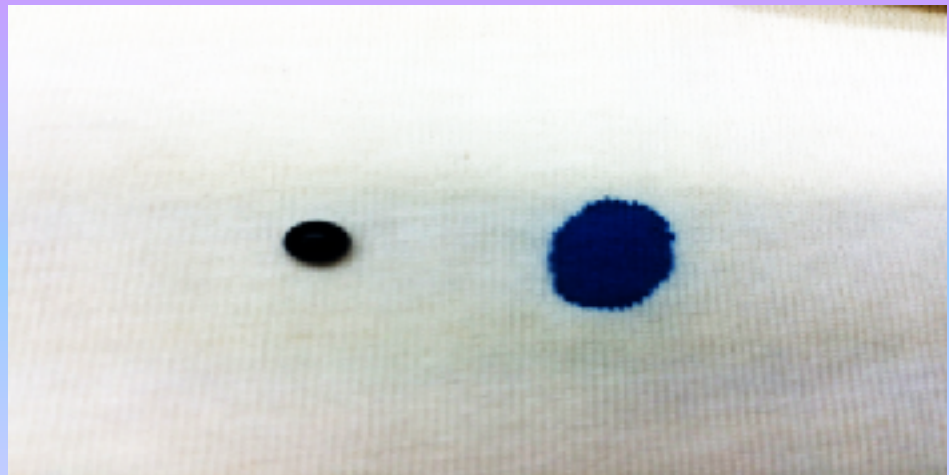
2SAAT 20 DAKİKA TASARRUF

HYBRID PROCESS

GGAIR CONZ



GGAIR CONZ (0.1% solution) reduces the surface tension very well, thus making the diffusion perfect when dye is dropped on the raw fabric.



GGAIR CONZ

- It allows dyeing without pre-treatment for dark colors.
- Provides leveling in reactive staining.
- Tightly wound yarn prevents inside-out difference in bobbins.
- It provides surface smoothness in dyeing heavy weight polyester fabrics.
- It has anti-fracture effect on delicate fabrics.
- It shows antistatic effect for polyester.

Performance 1 g/L 30 °C	
Wetting time:	1 sn
Sinking time:	10 sn

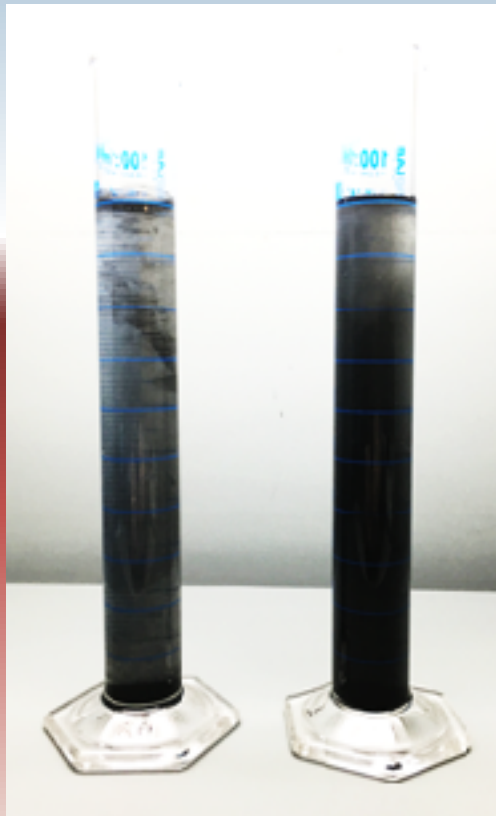


	Inside	Middle	Out
DEcmc	0,23	0,26	0,38

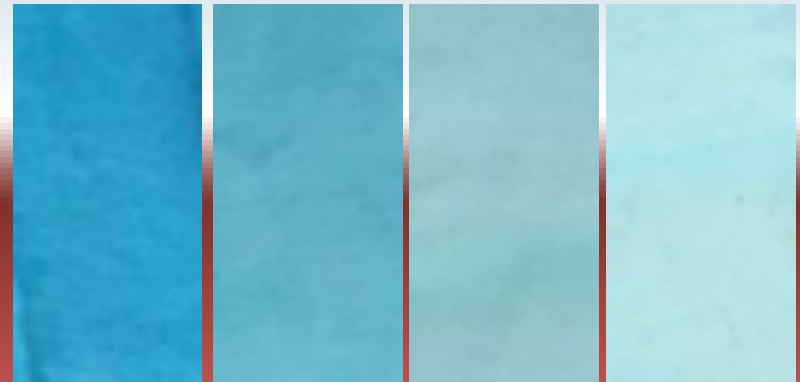
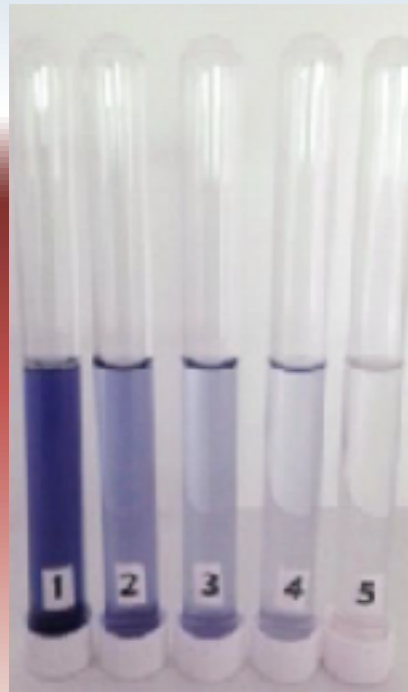
HYBRID PROCESS

GGLOW SOAP

GGLOW SOAP, due to its excellent washing and dispersing properties, quickly removes the hydrolyzed dye on the fabric surface and provides dispersion in water.



Kör GGLOW SOAP



The result of the hydrolyzed dye-impregnated fabric after washing and the operating washing water shows that washing with GGLOW SOAP is perfectly effective.



ROADMAP TO
ZERO



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