



CARBOMART; The Trading Platform for Sustainable Carbon Credits

CARBOMART, www.carbomart.com, is an international on-line carbon trading platform where emission reduction project owners and developers can list their projects for the interest of carbon brokers and end-users.

The CARBOMART has been created with the support of The Scientific and Technological Research Council of Turkey (TÜBİTAK) and KOSGEB (Small and Medium Enterprises Development Organisation-Turkey). Additionally, the CARBOMART has also been awarded by European Commission in scope of Horizon 2020-SME Instrument program for further developments. All rights of the CARBOMART are reserved and patent application has been filed.

The State of The Art of CARBOMART

Project Comparison According to the Sustainability Criteria

The professionals who are dealing with the carbon business (consultants, project developers/owners) always face with the questions such as “What is carbon credit?”, “Are you trading air?”, “Is it related with chemistry?” etc. Carbon credit concept is quite tough subject to explain and to be understood for everyone. Furthermore, to realize a carbon exchange, evaluating the carbon (emission reduction) projects towards marketing and corporate social responsibility activities requires expertise.

On the other hand, we can buy the most suitable computer that totally responds our needs though we are not an IT specialist. In the same way, we can buy best tyres for our car while none of us is an automotive expert. The reason for that we can compare the product we need with the other products in the market in terms of standardized specifications and the prices. As result, we can understand and evaluate the things that we can compare, or we can compare the things that we can understand.

The CARBOMART is the first carbon trading platform which allows the carbon credit buyers to evaluate the carbon emission reduction projects by performing line by line project comparison according to the social, environmental and economic sustainability criteria. The comparison tool of the CARBOMART includes several sustainability criteria including women employment, education, additionality, biodiversity, etc.

Accessible Reference Carbon Credit Prices

No matter if you are an expert or not, another tough question for the carbon market players is; “what is the current price of carbon credits?”. Since prices are only revealed on supply-demand occasions, the market data is discrete. The reason of dependency to the supply-demand occasions is quantity to be traded. Beside of the sustainability criteria of a carbon project, quantity to be traded is important factor which affects the pricing of a carbon credit. As a result, to be able to access a reference price without a supply-demand occasion is not possible in the current market case.

In order to overcome this problem, the CARBOMART allows the sellers to set five different price for the carbon credits of their projects according to the five different quantity brackets; i.e.

(0 – 1.000 tCO ₂ e)	(1.001–5.000 tCO ₂ e)	(5.001–20.000 tCO ₂ e)	(20.001–50.000 tCO ₂ e)	(50.0001 tCO ₂ e or more)
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The CARBOMART offers a transparent carbon trading platform that instead of revealing the prices just in case of demand, the prices set by the project developers/owners (sellers) will be continuously accessible on the CARBOMART. Thus, the buyers and sellers will be able to access a reference price at any time.

The Team

Yalçın YILMAZ

Team Leader

(Contact Person)

yalcin.yilmaz@green-cf.com

Dr. Erkan KALAYCI

Finance

Seçkin FIRAT

Software Eng.

Selma KANGAL

Marketing & Sales



Harbiye Mahallesi Karşıyaka Sokak No:25/4 06460 Çankaya ANKARA

Phone: +90 312 473 03 99 **Mail:** contact@carbomart.com