

# YugoDao

This Smart contract is the center piece of the application. This contract allows you to create a contest, create an action, vote for an action, tally the votes

## Functions

### constructor

[object Object]

Name	Type	Description
_yugo	address	Address of the YugoToken contract
_escrow	address	Address of the GrantEscrow contract
_verifSign	address	Address of the VerifySignature contract

Returns:

No parameters

### Unauthorized

**\*\*Add Documentation for the method here\*\***

No parameters

Returns:

No parameters

### addContest

Emit ContestCreated event

Name	Type	Description
_name	string	Name of the contest
_themelds	uint256[]	List of thematics IDs
_eligibleCountryIds	uint256[]	List of country IDs
_applicationEndDate	uint256	End Date of application period
_votingEndDate	uint256	End Date of voting period
_funds	uint256	Value of funds

Returns:

No parameters

### addParticipant

Emit ParticipantWhitelisted event

Name	Type	Description
_addrOrga	address	address of organisation
_addrParticipant	address	address of participant

Returns:

No parameters

### createAction

Emit ActionCreated event

Name	Type	Description
_creatorOfContest	address	Address of creator
_name	string	Name of Action
_requiredFunds	uint256	Value of funds

Returns:

No parameters

### deleteActions

Emit ActionCreated eventrequires the msg.sender to be the action's ownercan only be deleted before the application end date

Name	Type	Description
_creatorOfContest	address	Address of creator

Returns:

No parameters

escrow

**\*\*Add Documentation for the method here\*\***

No parameters

Returns:

Name	Type	Description
	address	

getContestWinner

used in interface IYugoDao

Name	Type	Description
_creatorOfContest	address	Address of Contest creator

Returns:

Name	Type	Description
	address	
	uint256	

getCountries

No parameters

Returns:

Name	Type	Description
	string[]	

getThematics

No parameters

Returns:

Name	Type	Description
	string[]	

organisationRegistrationStatus

- is executed by outside callers and internal functions

Name	Type	Description
_orga	address	Address of organisation

Returns:

Name	Type	Description
	bool	

participantIsWhiteListed

Can be called either by an organisation or a participant

Name	Type	Description
_addrOrganisation	address	Organisation's address
_addrParticipant	address	Participant's address

Returns:

Name	Type	Description
	bool	

registerOrganisation

Creates a mapping for the sender in organisationEmit OrganizationRegistered event

Name	Type	Description
thematicIds	uint256[]	List of thematics id
countryId	uint256	Country id

Returns:

No parameters

removeFromWhitelist

Emit ParticipantRemoved event

Name	Type	Description
_addrToDelete	address	the ethAddress of the participant to be deleted

Returns:

No parameters

tallyVote

Emit VoteTallied event

Name	Type	Description
_creatorOfContest	address	Address of Contest creator

Returns:

No parameters

voteForAction

At each vote, we compare voteNumber of the winning Action with newly voted one. If trueee, then push in arrayEmit HasVotedForAction event

Name	Type	Description
_creatorOfContest	address	Address of Contest creator
_actionCreator	address	Address of Action creator
_participantOrga	address	Address of the participant's organisation

Returns:

No parameters

yugo

**\*\*Add Documentation for the method here\*\***

No parameters

Returns:

Name	Type	Description
	address	