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[addComment 16](#_Toc76551483)

[Select 18](#_Toc76551484)

# Insert

addUser

API URL: <https://api.tok.dev2.scio.services/api/addGraphDBUser>

call name: addUser

parameters: username, useremail, code

PREFIX icarda: <http://www.icarda.com/data/toc/>

PREFIX ics: <http://www.icarda.com/schemas/toc/>

PREFIX foaf: <http://xmlns.com/foaf/0.1/>

INSERT DATA {

icarda:user155 a ics:ToCUser;

foaf:name "Antonis Koukourikos";

foaf:email "[antonis@scio.systems](mailto:antonis@scio.systems)";

ics:user\_identifier "155".

}

--------------------------------------------------------------

addFlow

call name: addFlow

parameters: programmecode [e.g. crp-222], flowIdentifier [e.g 001]

PREFIX icarda: <http://www.icarda.com/data/toc/>

PREFIX ics: <http://www.icarda.com/schemas/toc/>

INSERT DATA {

icarda:flowidentifier a ics:TocFlow ;

ics:for\_programme icarda:**programmecode** ;

ics:flow\_identifier **flowidentifier** .

}

--------------------------------------------------------------

addTeamMember

call name: addTeamMember

parameters: flow [e.g. flow001], usercode [e.g user155], role [= Leader, CoLeader, Member, Reviewer, Stakeholder]

PREFIX icarda: <http://www.icarda.com/data/toc/>

PREFIX ics: <http://www.icarda.com/schemas/toc/>

INSERT DATA {

icarda:flow001 ics:has\_membership icarda:membership001 .

icarda:membership001 ics:has\_user icarda:user155;

ics:acting\_as ics:Member.

}

--------------------------------------------------------------

addTOC

Call name: addTOC

Parameters: toccode [e.g. toc001], flow [e.g flow001], toclevel [= InitiativeLevel, CountryRegionTOC, InnovationPackageTOC, WorkPackageLevel, WorkPackageToc]

PREFIX icarda: <http://www.icarda.com/data/toc/>

PREFIX ics: <<http://www.icarda.com/schemas/toc/>>

INSERT DATA {

icarda: toc666 a ics: InitiativeLevel;

ics:belongs\_to\_flow icarda: flow666.

}

-----------------------------------------------------------------------------------------------------

AddResult

Call name: addResult

Parameters: resultcode, title, programmecode, resulttype [= Impact, Innovation, Outcome, Output

PREFIX icarda: <http://www.icarda.com/data/toc/>

PREFIX ics: <<http://www.icarda.com/schemas/toc/>>

PREFIX dct: <http://purl.org/dc/terms/>

INSERT DATA {

icarda:**impact001** a ics:**Impact** ;

dct:title **“TEST”** ;

ics:produced\_by\_programme icarda:**crp222** .

}

-----------------------------------------------------------------------------------------------------

DefineInnovationPackage

Call name: defineInnovationPackage

Parameters: packagecode, title, [innovationcode1, innovationcode2,…], coreinnovationcode, [geoscope1, geoscope2, geoscope3,…] e.g country20, country49, region49

PREFIX icarda: <http://www.icarda.com/data/toc/>

PREFIX ics: <<http://www.icarda.com/schemas/toc/>>

PREFIX dct: <http://purl.org/dc/terms/>

INSERT DATA {

icarda:**packagecode** a ics:InnovationPackage ;

dct:title "TITLE";

ics:includes\_innovation icarda:**innovationcode1;**

ics:has\_core\_innovation icarda:**coreinnovationcode** ;

ics:applies\_to\_scope icarda:geoscope1, icarda:geoscope2, icarda:geoscope3

}

addCountry

call name: addCountry

parameters: code, isocode, name, regioncode

PREFIX icarda: <http://www.icarda.com/data/toc/>

PREFIX ics: <<http://www.icarda.com/schemas/toc/>>

PREFIX foaf: <http://xmlns.com/foaf/0.1/>

INSERT DATA {

icarda:country**code** a ics:Country ;

foaf:name **NAM3** ;

ics:alphacode2 **ISOCODE;**

ics:in\_region ics:region**REGIONCODE** ;

}

addRegion

call name: addRegion

parameters: name, code [e.g. 20], parentregion [e.g. region49]

PREFIX icarda: <http://www.icarda.com/data/toc/>

PREFIX ics: <<http://www.icarda.com/schemas/toc/>>

PREFIX foaf: <http://xmlns.com/foaf/0.1/>

INSERT DATA {

icarda:region**code** a ics:Region ;

foaf:name **NAME**;

ics:un49code CODE**;**

ics:parent\_region ics:**parentregion** ;

}

addActionArea

call name: addActionArea

parameters: areaid, areatitle, areadescription

PREFIX icarda: <http://www.icarda.com/data/toc/>

PREFIX ics: <<http://www.icarda.com/schemas/toc/>>

PREFIX dct: <http://purl.org/dc/terms/>

INSERT DATA {

icarda:actionarea**areaid** a ics:ActionArea ;

dct:title **areatitle** ;

dct:description **areadescription .**

}

addSDG

call name: addSdg

parameters: code, title, description

PREFIX icarda: <http://www.icarda.com/data/toc/>

PREFIX ics: <<http://www.icarda.com/schemas/toc/>>

PREFIX dct: <http://purl.org/dc/terms/>

INSERT DATA {

icarda:sdg**code** a ics:SDG ;

dct:title **title** ;

dct:description **description .**

}

addSdgTarget

call name: addSdgTarget

parameters: id, code, description, sdg [e.g. sdg1]

PREFIX icarda: <http://www.icarda.com/data/toc/>

PREFIX ics: <<http://www.icarda.com/schemas/toc/>>

PREFIX dct: <http://purl.org/dc/terms/>

INSERT DATA {

icarda:sdgtarget**id** a ics:SdgTarget ;

dct:title **code** ;

dct:description **description ;**

ics:under\_sdg icarda:**sdg**

}

addSdgIndicator

call name: addSdgIndicator

parameters: id, code, uncode, title, description, sdgtarget [e.g. sdgtarget1]

PREFIX icarda: <http://www.icarda.com/data/toc/>

PREFIX ics: <<http://www.icarda.com/schemas/toc/>>

PREFIX dct: <http://purl.org/dc/terms/>

INSERT DATA {

icarda:sdgtarget**id** a ics:SdgTarget ;

ics:uncode **uncode** ;

dct:title **code** ;

dct:description **description ;**

ics:for\_target icarda:**sdgtarget**

}

addWorkPackage

call name: addWorkPackage

parameters: id, title, programme

PREFIX icarda: <http://www.icarda.com/data/toc/>

PREFIX ics: <<http://www.icarda.com/schemas/toc/>>

PREFIX dct: <http://purl.org/dc/terms/>

INSERT DATA {

icarda:wp**programmeid** a ics:WorkPackage ;

dct:title **title** ;

ics:under\_programme icarda:**programme**

}

addTocSdg

call name: addTocSdg

parameters: toc, sdgcode, target, indicator

PREFIX icarda: <http://www.icarda.com/data/toc/>

PREFIX ics: <<http://www.icarda.com/schemas/toc/>>

INSERT DATA {

icarda:toccodesdgcode a ics:SdgTocEntity ;

ics:in\_toc icarda:**toc** ;

ics:refers\_to\_sdg icarda:**sdgcode** ;

ics:includes\_sdg\_target icarda:**target** ;

ics:includes\_sdg\_indicator icarda:**indicator** .

}

addTocImpactArea

call name: addTocImpactArea

parameters: impactarea, toc, target, narrative

PREFIX icarda: <http://www.icarda.com/data/toc/>

PREFIX ics: <<http://www.icarda.com/schemas/toc/>>

INSERT DATA {

icarda:**tocimpactarea** a ics:ImpactAreaTocEntity ;

ics:in\_toc icarda:**toc** ;

ics:refers\_to\_impact\_area icarda:**impactarea** ;

ics:includes\_target icarda:**target** ;

ics:impact\_area\_narrative icarda:**narrative** .

}

addTocResult

parameters: toc, resultcode, resulttype [ImpactTocEntity, InnovationPackageTocEntity, InnovationTocEntity, OutcomeTocEntity, OutputTocEntity], responsible, genderaspect, [indicator]

INSERT DATA {

icarda:**tocresult code** a ics:**resulttype** ;

ics:in\_toc icarda:**toc** ;

ics:responsible\_entity icarda:**responsible** ;

ics:result\_indicator icarda:**indicator1,** icarda:**indicator2, …** ;

ics:has\_gender\_responsive\_transformative\_aspect **genderaspect** .

}

addActor

call name: addActor

parameters: code, title

PREFIX icarda: <http://www.icarda.com/data/toc/>

PREFIX ics: <<http://www.icarda.com/schemas/toc/>>

PREFIX dct: <http://purl.org/dc/terms/>

INSERT DATA {

icarda:**code** a ics:Actor ;

dct:title “**title**” .

}

## addActorType

call name: addActorType

parameters: code, title

PREFIX icarda: <http://www.icarda.com/data/toc/>

PREFIX ics: <<http://www.icarda.com/schemas/toc/>>

PREFIX dct: <http://purl.org/dc/terms/>

INSERT DATA {

icarda:actor**code** a ics:ActorType ;

dct:title “TITLE” .

addIndicator

call name: addIndicator

parameters: code, title, description, unit, target, baseline\_value, baseline\_year, target\_value, target\_year

PREFIX icarda: <http://www.icarda.com/data/toc/>

PREFIX ics: <<http://www.icarda.com/schemas/toc/>>

PREFIX dct: <http://purl.org/dc/terms/>

INSERT DATA {

icarda:**code** a ics:Indicator ;

dct:title “**TITLE**” ;

dct:description “**description**” ;

ics:measured\_in icarda:**unit** ;

ics:for\_target icarda:**target** ;

ics:baseline\_value **baseline\_value** ;

ics:baseline\_year **baseline\_year** ;

ics:target\_value **target\_value** ;

ics:target\_year **target\_year** ;

}

## addUnit

call name: addUnit

parameters: code, title, description

PREFIX icarda: <http://www.icarda.com/data/toc/>

PREFIX ics: <<http://www.icarda.com/schemas/toc/>>

PREFIX dct: <http://purl.org/dc/terms/>

INSERT DATA {

icarda:**code** a ics:UnitOfMeasurement ;

dct:title “**TITLE**” ;

dct:description “**description**” .

}

addAction

call name: addAction

parameters: code, actor, description, [scope], assumption

PREFIX icarda: <http://www.icarda.com/data/toc/>

PREFIX ics: <<http://www.icarda.com/schemas/toc/>>

PREFIX dct: <http://purl.org/dc/terms/>

INSERT DATA {

icarda:**code** a ics:Action ;

ics:responsible\_actor icarda:**actor** ;

dct:description “**description**” ;

ics:action\_scope icarda:**scope1**, icarda:**scope2**, … ;

ics:under\_assumption “assumption” .

}

addCausalLink

call name: addCausalLink

parameters: toc, code, fromresult, toresult, [action], narrative

PREFIX icarda: <http://www.icarda.com/data/toc/>

PREFIX ics: <<http://www.icarda.com/schemas/toc/>>

PREFIX dct: <http://purl.org/dc/terms/>

INSERT DATA {

icarda:**code** a ics:CausalLink ;

ics:defined\_in\_toc icarda:**toc** ;

ics:link\_from icarda:**fromresult** ;

ics:link\_to icarda:**toresult** ;

ics:expected\_action icarda:**action1**, icarda:**action2**, … ;

ics:causal\_link\_narrative “**narrative**” .

}

addComment

call name: addComment

parameters: code, item, creator, [mentions], content

PREFIX icarda: <http://www.icarda.com/data/toc/>

PREFIX ics: <<http://www.icarda.com/schemas/toc/>>

PREFIX dct: <http://purl.org/dc/terms/>

INSERT DATA {

icarda:**code** a ics:Comment ;

ics:comment\_target icarda:**item** ;

ics:commenter icarda:**creator** ;

ics:mentions icarda:**mentions1, icarda:mentions2, …** ;

dct:description “**content**” .

}

# Select

Call name: getUserInfo

Parameters: code [e.g. “155”]

PREFIX ics: < PREFIX ics: <http://www.icarda.com/schemas/toc/>

PREFIX foaf: <http://xmlns.com/foaf/0.1/>

PREFIX icarda: <http://www.icarda.com/data/toc/>

SELECT ?s ?name ?email

WHERE {

?s a ics:ToCUser ;

ics:user\_identifier "155" ;

foaf:name ?name ;

foaf:email ?email .

} >

PREFIX foaf: <http://xmlns.com/foaf/0.1/>

PREFIX icarda: <http://www.icarda.com/data/toc/>

SELECT ?s ?name ?email

WHERE {

?s a ics:ToCUser ;

ics:user\_identifier "155" ;

foaf:name ?name ;

foaf:email ?email .

}