DBTR: Pre-payment procurement process Scenario: The wholesale purchases of green and red bicycles

©=completed	reusable=®
Instance Id	<u>dentifier</u>
State Machine	e Identifier
▼ visited state	
□ new current star	te
□ unvisited state	
old property=old v	
new property~new v	alue

Business Process Detail	Business Process Overview	Economic Commitment	Economic Contract	Economic Event
□ catalogue-requested +abandon=abandoned □ catalogue-received +request-quotation-quotation-requested +abandon=abandoned □ quotation-requested +quotation-quotation-received +abandon=abandoned □ quotation-received +order=order-received +abandon=abandoned □ order-received +response-simple-accept=order-accepted +response-simple-reject=abandoned □ counter-order-received +abandon=abandoned □ order-accepted +response-counter=counter-order-received +abandon=abandoned □ order-accepted +remittance-advice=paid +abandon=abandoned □ paid +despatch-advice=despatched +abandon=abandoned □ despatched +receipt-advice=goods-received +abandon=abandoned □ goods-received +invoice=completed +abandon=abandoned □ abandoned □ abandoned □ completed	□ planning +request-quotation=identification +abandon=post-actualization □ identification +quotation=negotiation +abandon=post-actualization □ negotiation +response-simple-accept=actualization +response-simple-reject=post-actualization +abandon=post-actualization □ actualization +invoice=post-actualization +abandon=post-actualization +abandon=post-actualization □ post-actualization □ post-actualization	□ proposed +accept-commitment=specified +modify-commitment=proposed □ specified +modify-commitment=specified +complete-commitment=commitment-comple	☐ offered +accept-contract=accepted ☐ accepted +modify-contract=accepted +complete-contract-complete	underway +modify-event=underway +complete-event=event-complete event-complete
8	8	®	(8)	(8)
Economic Agent	5 51			Economic Resource Type
	ype-identified	vent-type=event-type-identified	reserved +modify-res	ype-identified ource-type=resource-type-identified

□ exchanged

Business Event #1: Establish the use of Dai as a resource type

Stimulus: Define Dai currency (identify-resource-type)

			<u>Dai</u> ®				®	®	®
	Business Process Detail	Business Process Overview	Economic Resource Type	Economic Commitment	Economic Contract	Economic Event	Economic Agent	Economic Agent Type	Economic Event Type
	□ catalogue-requested	□ planning		□ proposed	□ offered	□ underway	□ participating	☐ agent-type-identified	□ event-type-identified
	□ catalogue-received	□ identification	exchange USD~1.0	□ specified	□ accepted	☐ event-complete			
	□ quotation-requested	□ negotiation	proper name~Dai resource type~cryptocurrency	☐ commitment-complete	☐ contract-complete		4		
	□ quotation-received	□ actualization		•		-			
	□ order-received	□ post-actualization							
	□ counter-order-received		•						
	□ order-accepted								
	□ paid								
	□ despatched								
	□ goods-received								
	□ abandoned								
	□ completed								
Ī	®]	•							
	Economic Resource								
	Economic Resource available reserved exchanged								

DBTR: Pre-payment procurement process Business Event #2: Establish all the economic agent types Stimulus: Define agent types (identify-agent-type)

		<u>Buyer</u> ®	<u>Dai</u> ®	<u>Seller</u> ®	${ t TaxAuthority}$ ${ t $		
Business Process Detail	Business Process Overview	Economic Agent Type	Economic Resource Type	Economic Agent Type	Economic Agent Type	Economic Commitment	Economic Contract
□ catalogue-requested	□ planning	agent-type-identified		☑ agent-type-identified	☑ agent-type-identified	□ proposed	□ offered
□ catalogue-received	☐ identification	role~buyer	exchange USD=1.0	role~seller	role~Tax Authority	☐ specified	□ accepted
☐ quotation-requested	☐ negotiation		proper name=Dai resource type=cryptocurrency			□ commitment-complete	☐ contract-complete
□ quotation-received	□ actualization			ı			
□ order-received	☐ post-actualization						
□ counter-order-received		4					
□ order-accepted							
□ paid							
□ despatched							
□ goods-received							
□ abandoned							
□ completed							
	®	®	(8)				
Economic Event Econo	omic Agent Economic Ever	nt Type Economic Resou	ırce				
□ underway □ pa	rticipating uevent-type-id	entified available					
□ event-complete		□ reserved					
		□ exchanged					

DBTR: Pre-payment procurement process
Business Event #3: Establish all economic agents
Stimulus: Establish all of the agents (identify-agent)

		Buyer	®	<u>Dai</u>	j	Party100 ®	Party200 ®	Party300 ®	<u>Seller</u> ®
Business Process Detail	Business Process Overview	w Economic Agent 7	Type Economic	Resource Type	E	conomic Agent	Economic Agent	Economic Agent	Economic Agent Type
□ catalogue-requested	□ planning	agent-type-ident	ified 🗷 resource-	type-identified	partic	pating	participating	participating	■ agent-type-identified
□ catalogue-received	□ identification	role=buyer	exchange USI		balance~0		balance~100000	balance~0	role=seller
☐ quotation-requested	□ negotiation		proper name= resource typ	Dai e=cryptocurrency	currency~		I currency~Dai I name~Jonas's Bike Shop	currency~Dai name~Danish Tax Agency	
□ quotation-received	□ actualization			/	type~Sell	er	■ type~Buyer	type~TaxAuthority	
□ order-received	□ post-actualization				wallet~0>	4cFa2eDE	wallet~0xdF86f112	wallet=~0xdA9f23F4	
□ counter-order-received		_							
□ order-accepted									
□ paid									
□ despatched									
□ goods-received									
□ abandoned									
□ completed									
	_		i .						
TaxAuthority ®					®	®			
Economic Agent Type	Economic Commitment	Economic Contract	Economic Event	Economic Ev	ent Type	Economic Resource			
■ agent-type-identified	□ proposed	□ offered	□ underway	□ event-type-i	identified	□ available			
role=Tax Authority	□ specified	□ accepted	☐ event-complete			□ reserved			
	□ commitment-complete	□ contract-complete		_		□ exchanged			
_			-						

DBTR: Pre-payment procurement process Business Event #4: Establish the sport bikes as resource types Stimulus: Define green and red sport bike types (identify-resource-type)

		<u>Buyer</u>	<u>Dai</u>	® GreenSport	:Bike ®	Party100 ®	Party200 ®	Party300 ®
Business Process Detail	Business Process Overview	Economic Agent Type	Economic Resource Typ	e Economic Resou	ігсе Туре	Economic Agent	Economic Agent	Economic Agent
□ catalogue-requested	□ planning	■ agent-type-identified	▼ resource-type-identified	d	identified 🗵 part	icipating	□ participating	□ participating
□ catalogue-received	□ identification	role=buyer	exchange USD=1.0	price currency~Da			balance=100000	balance=0
☐ quotation-requested	□ negotiation		proper name=Dai resource type=cryptocurre	suggested price~1 suggested VAT/MOM		y=Dai .ll's Bikes Manufacturing	currency=Dai name=Jonas's Bike Shop	currency=Dai name=Danish Tax Agency
☐ quotation-received	□ actualization		resource expe erypeceuric	noy suggested vinynon	type=Se	eller	type=Buyer	type=TaxAuthority
□ order-received	□ post-actualization				wallet=	-Ox4cFa2eDE	wallet=0xdF86f112	wallet==0xdA9f23F4
□ counter-order-received		4						
□ order-accepted								
□ paid								
□ despatched								
□ goods-received								
□ abandoned								
□ completed								
	<u> </u>				1			
RedSportBike ®	<u>Seller</u> ®	<u>TaxAuthority</u> ®					®	
Economic Resource Type	Economic Agent Type	Economic Agent Type	Economic Commitment	Economic Contract	Economic Event	Economic Event Type	Economic Resource	
	agent-type-identified	■ agent-type-identified	□ proposed	□ offered	□ underway	□ event-type-identifie	d □ available	
price currency~Dai	role=seller	role=Tax Authority	□ specified	□ accepted	□ event-complete	e	□ reserved	
suggested price~800 suggested VAT/MOMS~200			□ commitment-complete	□ contract-complete		_	□ exchanged	

DBTR: Pre-payment procurement process Business Event #5: Establish inventory of all instances of green bikes Stimulus: Establish the inventory of green sport bikes (identify-available-resource)

Business Process Detai catalogue-requested catalogue-received quotation-requested quotation-received counter-order-received order-accepted paid despatched goods-received abandoned completed	□ planning □ identification □ negotiation □ actualization □ post-actualiz	n _	Economic Agent Ty agent-type-identif	ied z ex pr	Economic Resource Ty resource-type-identific change USD=1.0 roper name=Dai source type=cryptocurr	resource-typ price currency= suggested price	source Type be-identified =Dai =1200 40MS=300	Ecc participa balance=0 currency=Da	ai s Bikes Manufacturi	Barty200 Economic Ag Darticipating balance=100000 currency=Dai ng name=Jonas's Bik type=Buyer wallet=0xdF86f:	Economic Agent
□ available □ reserved □ exchanged □ owner~Party100 serial number~PC001 se	reserved exchanged ner~Party100 rial number~PC002	✓ available □ reserved □ exchanged owner~Party10 serial number	source Economic R available reserved exchange owner~Partyl reserved serial numbe	d 00 r~PC004		PC006 ® Economic Resource □ available □ reserved □ exchanged owner-Party100 serial number-PC006		d ow c~PC007 see	available reserved exchanged ner~Party100 rial number~PC008		Economic Resource available reserved exchanged owner-Party100 serial number-PC010
PC011 ® Economic Resource F available □ reserved □ avachanced □ pr	RedSportBike Conomic Resource resource-type-iden ice currency=Dai ggested Price=800 ggested VAT/MOMS=20	Type Econ ified age role=s	Seller ® nomic Agent Type ent-type-identified	Tax2 Econon	t-type-identified	expe~GreenSportBike conomic Commitment roposed pecified commitment-complete	Economic (offered accepted contract-o	Contract	Economic Event underway event-complete	Economic Event	71

DBTR: Pre-payment procurement process Business Event #6: Establish inventory of all instances of red bikes Stimulus: Establish the inventory of red sport bikes (identify-available-resource)

Business Process Detail catalogue-requested catalogue-received quotation-requested quotation-received counter-order-received order-accepted paid despatched goods-received abandoned completed	Business Process Overview planning identification negotiation actualization post-actualization	Buyer ® Economic Agent Type agent-type-identified role=buyer	Economic Resource Type Tesource-type-identified exchange USD=1.0 proper name=Dai resource type=cryptocurren	resource-typ price currency= suggested price	ource Type le-identified balanc curren name=B type=S:	cy=Dai ill's Bikes Manufacturing	Economic Agent participating	Party300 Economic Agent Diparticipating balance=0 currency=Dai name=Danish Tax Agenc type=TaxAuthority wallet==0xdA9f23F4
■ available □ reserved □ exchanged owner=Party100 serial number=PC001	PC002	esource Economic Resource		PC006 ® Conomic Resource available reserved exchanged wner=Party100 erial number=PC006 ype=GreenSportBike	PC007	□ available □ reserved □ exchanged owner=Party100 serial number=PC008 s	available	pc010 © onomic Resource available reserved exchanged er=Party100 ial number=PC010 e=GreenSportBike
	PC100 ® PC10 nomic Resource vailable eserved □ reserved xchanged □ exchange r-Party100 al number~PC100 ~RedSportBike vpe-RedSportBike	esource Economic Resour available reserved exchanged owner-Party100 serial number-PC101	✓ available ☐ reserved ☐ exchanged owner-Party100 output output	PC104 ® Coonomic Resource available reserved exchanged wner-Party100 erial number-PC104 ype-RedSportBike	RedSportBi Economic Resourc Tesource-type-ide price currency=Dai suggested price=800 suggested VAT/MOMS=	Economic Age Economic Age agent-type-i role=seller	ent Type Economic A	-identified
Economic Commitment proposed specified commitment-complete	□ offered □ u		c Event Type_ ype-identified					

Business Event #7: Establish the delivery and payment types of event Stimulus: Define delivery and payment event types (identify-event-type)

		Buyer	® <u>Dai</u>	® Delivery	Type ® Green	SportBike ®	Party100	Party200 ®
Business Process Detail	Business Process Overview	Economic Agent Ty	ype Economic Resource	Type Economic Ev	ent Type Economic	Resource Type	Economic Agent	Economic Agent
□ catalogue-requested	□ planning	☑ agent-type-identif	fied resource-type-ident	tified ✓ event-type-	identified 🗵 resourc	e-type-identified	□ participating □	□ participating
□ catalogue-received	□ identification	role=buyer	exchange USD=1.0	delivery-type~	wholesale price curr	ency=Dai	balance=0	balance=100000
□ quotation-requested	□ negotiation		proper name=Dai	F	suggested		currency=Dai	currency=Dai
□ quotation-received	□ actualization		resource type=cryptoc	urrency	suggested	VAT/MOMS=300	name=Bill's Bikes Manufacturine type=Seller	name=Jonas's Bike Shop type=Buyer
□ order-received	□ post-actualization						wallet=0x4cFa2eDE	wallet=0xdF86f112
□ counter-order-received	D post actualization					•		*
□ order-accepted								
□ paid								
despatched								
□ goods-received								
□ abandoned								
□ completed								
	-					. T		
Party300 ®	PaymentType ®	PC001 ®	PC002 ® PC0				006 ® <u>PC007</u> ®	PC008 ®
Economic Agent	Economic Event Type Eco	nomic Resource Econ	nomic Resource Economic	Resource Economic R	esource Economic Re	esource Economic	Resource Economic Resource	Economic Resource
□ participating □	event-type-identified 🗵 a	vailable 🗵 av	vailable 🗵 availabl	le 🗷 available		🗷 availal	ole 🗷 available	available
			eserved reserved	d □ reserved	□ reserved	□ reserve	ed reserved	□ reserved
currency=Dai			xchanged					□ exchanged
name=Danish Tax Agency type=TaxAuthority			r=Party100 owner=Party					owner=Party100
wallet==0xdA9f23F4			al number=PC002 serial numb		r=PC004 serial number	=PC005 serial nu		serial number=PC008
	type	e=GreenSportBike type=	=GreenSportBike type=GreenS	SportBike type=GreenSp	ortBike type=GreenSpo	ortBike type=Gree	nSportBike type=GreenSportBike	type=GreenSportBike
PC009 ®	PC010 ® PC01	L1 ® PC10	0 ® PC101	® PC102 ®	PC103 ®	PC104	R Dadonauthile R	0-11 8
							RedSportBike	Seller ®
	nomic Resource Economic F			_	Economic Resource		_	Economic Agent Type
	vailable 🗵 available	available	available	available		available	resource-type-identified	agent-type-identified
□ reserved □ re	eserved \Box reserved	□ reserved	□ reserved	□ reserved	reserved	reserved	price currency=Dai	role=seller
□ exchanged □ e	xchanged	ed □ exchange	ed 🗆 exchanged	□ exchanged	□ exchanged	□ exchanged	suggested price=800 suggested VAT/MOMS=200	
	r=Party100 owner=Party			owner=Party100	owner=Party100	owner=Party100		J
	al number=PC010 serial numb =GreenSportBike type=GreenS			Ol serial number=PC102 type=RedSportBike	serial number=PC103 type=RedSportBike	serial number=PC1 type=RedSportBike		
type=GreensportBike type	=GreensportBike type=Greens	portBike type=RedSpor	type=RedSportBike	type=RedSportBike	type=RedSportBike	type=kedSportBike	<u>:</u>	
TaxAuthority ®								
Economic Agent Type	Economic Commitment	Economic Contract	Economic Event					
1 			underway					
<u> </u>	I II II I		-					
role=Tax Authority	· .	1	□ event-complete					
	□ commitment-complete □	☐ contract-complete						

Business Event #8: Buyer: What inventory do you have?

Stimulus: Request a catalogue (request-catalogue)
From: buyer; To: seller; Document: Request For Catalogue;

Process1 Business Process Detail catalogue-requested catalogue-received quotation-requested order-received counter-order-received paid despatched goods-received abandoned completed catalogue-received catalogue-received completed completed catalogue-received catalogue-	Process1 Business Process Overvi planning identification negotiation actualization post-actualization	ew Economic Agent Tole=buyer	ntified resource exchange to proper name		DeliveryType Economic Event Ty Gevent-type-identifiedelivery-type=wholes	/pe Economic Res fied resource-typ	source Type be-identified Dai balan curre: 100MS=300 name= type=	Party100 Economic Agent Inticipating ce=0 ncy=Dai Bill's Bikes Manufacturing Seller t=0x4cFa2eDE	Party200 Economic Agent participating balance=100000 currency=Dai name=Jonas's Bike Shop type=Buyer wallet=0xdF86f112
1 1 -	event-type-identified resource type=dai	available	pc002 ® conomic Resource available reserved exchanged exchanged rial number=Pc002 rpe=GreenSportBike	PC003 Economic Resource available reserved concerpenty100 serial number=PC000 type=GreenSportBike			available reserved exchanged owner=Party100 serial number=P	■ available □ reserved □ exchanged owner=Party100 serial number=Pc007	PC008 ® Economic Resource
□ available □ reserved □ exchanged owner=Party100 serial number=Pc009	onomic Resource available available reserved reschanged re=Party100 stal number=Pc010 reservation owner=Party100 serial number=Pc010 reservation owner=Party100 serial number=Pc010 reservation owner=Party100 res	c Resource Economic	Ec Resource E Resource a va a va ble a va c reso c reso c mose ble c wx c wner= mber=Pc100 serial	ilable	vailable	variable I I I I I I I I I	available preserved sychongad	RedSportBike Economic Resource Type resource-type-identified rice currency=Dai uggested price=800 uggested VAT/MOMS=200	Seller ® Economic Agent Type agent-type-identified role=seller
Economic Agent Type agent-type-identified role=Tax Authority	Economic Commitment □ proposed □ specified □ commitment-complete	Economic Contract offered accepted contract-complete	Economic Eve underway event-comple						

DBTR: Pre-payment procurement process Business Event #9: Seller: I have red and green bikes

Stimulus: Return a catalogue (catalogue)
From: seller; To: buyer; Document: Catalogue;

Process1 Business Process Detail	Process1 Business Process Overview □ planning □ identification □ negotiation □ actualization □ post-actualization	Buyer ® Economic Agent Type agent-type-identified role=buyer	Dai Economic Resource Typ ▼ resource-type-identifie exchange USD=1.0 proper name=Dai resource type=cryptocurre	event-type-identif	rpe Economic Resource-type-i	rce Type dentified i 200 Ecc particip balance=0 currency=0 currency=0	Dai s Bikes Manufacturing	Party200 Economic Agent participating balance=100000 currency=Dai name=Jonas's Bike Shop type=Buyer wallet=0xdf86f112
▼ participating	vesource type=dai cesource type=dai comparison comp	nomic Resource ivailable reserved exchanged ex=Party100 sal number=PC001 serial num	ble	PC003 serial number=PC00		PC006 ® Economic Resource ✓ available □ reserved □ exchanged owner=Party100 serial number=PC006 type=GreenSportBike	PC007 ® Economic Resource	PC008 ® Economic Resource ☑ available ☐ reserved ☐ exchanged owner=Party100 serial number=PC008 type=GreenSportBike
	pc010 ® nomic Resource tvailable eserved exchanged exchanged exchanged owner=Party100 all number=PC010 excreasportBike pc010 Economic R available reserved exchange owner=Party serial numb type=Greens	Resource Economic Resource	■ available □ reserved □ exchanged owner=Party100 serial number=PC101	■ available □ reserved □ exchanged owner=Party100 serial number=PC102	nomic Resource Econo vailable	mic Resource ailable erved price sugges	RedSportBike nomic Resource Type nource-type-identified currency=Dai sted price=800 sted VAT/MOMS=200	Seller ® Economic Agent Type I agent-type-identified role=seller
Economic Agent Type agent-type-identified role=Tax Authority	□ proposed □ specified □	□ offered □ ui	onomic Event nderway vent-complete					

Business Event #10: Buyer: Do you have the green bikes that I want?

Stimuli: Establish business process descriptions (request-quotation); Initiate a contract (offer-contract); Commitments to contracts and deliveries (propose-commitment) From: buyer; To: seller; Document: Request For Quotation;

					, , , , , , , , , , , , , , , , , , , ,			
Process1	<u>Process1</u>	<u>Contract1</u>	<u>PlanDel1</u>	<u>Buyer</u>		<u>Dai</u>	<u>DeliveryType</u> ®	<u> GreenSportBike</u>
Business Process Detail	Business Process Overview	Economic Contract	Economic Commitment	Economic Agent	71	Resource Type	Economic Event Type	Economic Resource Type
☑ catalogue-requested		✓ offered	✓ proposed	■ agent-type-ide	ntified 🗵 resource-	type-identified	■ event-type-identified	resource-type-identified
catalogue-received	identification	☐ accepted	☐ specified	role=buyer	exchange USI		delivery-type=wholesale	price currency=Dai
quotation-requested	☐ negotiation	□ contract-complete	☐ commitment-complete	: [proper name= resource tyr	Dai De=cryptocurrency		suggested price=1200 suggested VAT/MOMS=300
□ quotation-received	☐ actualization	buyer party~Party200	item~GreenSportBike	Tj.				
□ order-received	☐ post-actualization	contract date~2020-06-01 planned delivery~PlanDell	planned date~2020-06-15					
☐ counter-order-received	, ,	sale type~wholesale	receiver party~Party200	1				
☐ order-accepted	i	seller party~Party100	sender party~Party100	.4				
□ paid	 							
☐ despatched								
□ goods-received								
¦□ abandoned	!							
□ completed								
L 	1							
Party100	® Party200	Party300 ®	PaymentType ®	PC001 ®	PC002 ®	PC003	® PC004 ®	PC005 ®
Economic Agent	Economic Agent	Economic Agent	Economic Event Type	Economic Resource	Economic Resource	Economic Resour	rce Economic Resource	Economic Resource
▼ participating	□ participating			ĭ available	available availab	available		
balance=0	balance=100000	balance=0		□ reserved	□ reserved	□ reserved	□ reserved	□ reserved
currency=Dai	currency=Dai	currency=Dai		□ exchanged	□ exchanged	□ exchanged	□ exchanged	□ exchanged
name=Bill's Bikes Manufact type=Seller	uring name=Jonas's Bike Shop type=Buyer	name=Danish Tax Agency type=TaxAuthority		owner=Party100	owner=Party100	owner=Party100	owner=Party100	owner=Party100
wallet=0x4cFa2eDE	wallet=0xdF86f112	wallet==0xdA9f23F4		serial number=PC001	serial number=PC002	serial number=PC0		serial number=PC005
•		-	L	type=GreenSportBike	type=GreenSportBike	type=GreenSportB	ke type=GreenSportBike	type=GreenSportBike
PC006 ®	PC007 ® PC008	8 PC009	® PC010 ®	PC011 ®	PC100 ®	PC101	® PC102 ®	PC103 ®
	omic Resource Economic Re				Economic Resource	Economic Resource		Economic Resource
	vailable Zavailable				□ available	☑ available		available available
	served available	□ reserved			□ reserved	□ reserved	□ reserved	□ reserved
I I	changed \Box reserved \Box exchange			exchanged	□ exchanged	□ exchanged	□ exchanged	□ exchanged
	=Party100 = exchanged owner=Party1		_ _	wner=Party100	owner=Party100	owner=Party100	owner=Party100	owner=Party100
	al number=PC007 serial number				serial number=PC100	serial number=PC1		serial number=PC103
type=GreenSportBike type=	-GreenSportBike type=GreenSp	ortBike type=GreenSportBil	ke type=GreenSportBike t	ype=GreenSportBike	type=RedSportBike	type=RedSportBike	type=RedSportBike	type=RedSportBike
	RedSportBike ®		xAuthority ®					
			3 Jr	omic Event				
	71		ent-type-identified und					
		seller role=T	ax Authority	nt-complete				
	ested price=800 ested VAT/MOMS=200							
owner=Party100								
serial number=PC104 type=RedSportBike								
cape-nedoporebike								

Business Event #11: Seller: Yes, I have the bikes that you want
Stimuli: Track business process descriptions (quotation); Accept a contract (accept-contract)
From: seller; To: buyer; Document: Quotation;

Process1 Business Process Detail ☐ catalogue-requested ☐ catalogue-received ☐ quotation-requested ☐ order-received ☐ counter-order-received ☐ order-accepted ☐ paid ☐ despatched	Process1 Business Process Overview planning dientification congeting inegotiation congeting inegotiation congeting inegotiation congeting inegotiation congeting inegotiation	Contract1 Economic Contract ☑ offered ☑ accepted □ contract-complete buyer party=Party200 contract date=2020-06-01 cost-12000 currency-Dai planned delivery=PlanDel1 sale type=wholesale seller party=Party100 vaT/MOMS-3000	PlanDell Economic Commitment proposed specified commitment-complete item=GreenSportBike planned date=2020-06-15 planned quantity=10 receiver party=Party200 sender party=Party100	Buyer Economic Agent agent-type-ider role=buyer	Type Economic resource-texchange USD proper name=	type-identified D	DeliveryType Economic Event Type event-type-identified elivery-type=wholesale	GreenSportBike Economic Resource Type Tresource-type-identified price currency=Dai suggested price=1200 suggested VAT/MOMS=300
□ goods-received □ abandoned □ completed Party100 Economic Agent participating	® Party200 © Economic Agent ☑ participating	B Party300 ® Economic Agent ☑ participating		PC001 ® Economic Resource available	PC002 ® Economic Resource Z available	PC003 Economic Resource	® PC004 ® Economic Resource	PC005 ® Economic Resource Variable
balance=0 currency=Dai name=Bill's Bikes Manufact type=Seller wallet=0x4cFa2eDE	balance=100000 currency=Dai	balance=0 currency=Dai	resource type=dai [reserved contact conta	reserved cwner=Party100 serial number=PC002 type=GreenSportBike	reserved exchanged owner=Party100 serial number=Pc0i type=GreenSportBil	☐ reserved ☐ exchanged owner=Party100 serial number=PC004	□ reserved □ exchanged owner=Party100 serial number=PC005 type=GreenSportBike
	PC007 B PC000 comic Resource vailable served changed PPC000 In available reserved changed PPC010 In available reserved Changed Changed Changed Changed Changed Changed Changed Changed Change Chan	esource Economic Resource		available reserved exchanged where=Party100 erial number=PC011	Economic Resource available reserved exchanged cowner=Party100 serial number=PC100 type=RedSportBike	Economic Resourc	□ available □ reserved □ exchanged owner=Party100	Economic Resource available reserved exchanged owner=Party100 serial number=PC103 type=RedSportBike
Economic Resource available	source-type-identified ag	onomic Agent Type gent-type-identified Economic Agent Type gent-type-identified	ent-type-identified und	omic Event derway ent-complete				

Business Event #12: Buyer: Okay, here is an order for green bikes

Stimuli: Track business process descriptions (order); Accept a contract (modify-contract); Commitment to pay (propose-commitment); Payment to be made (identify-available-resource) From: buyer; To: seller; Document: Order;

			1 folii. buyer,	10. seller, Document. Order,			
Process1	Process1	Contract1	PlanDel1	PlanPay1	Buyer	® Da	ai ® <u>Dail</u> ®
Business Process Detail	Business Process Overview	Economic Contract	Economic Commitment	Economic Commitme	nt Economic Agent Typ	e Economic Re	esource Type Economic Resource
	🗷 planning	☑ offered	▼ proposed	✓ proposed		ed 🗷 resource-typ	pe-identified
catalogue-received	<u>identification</u>	accepted accepted	□ specified	□ specified	role=buyer	exchange USD=1	
quotation-requested	negotiation	☐ contract-complete	□ commitment-complete	☐ commitment-complete	;	proper name=Da: resource type=	□ evchanged
quotation-received	□ actualization		item=GreenSportBike	contract~Contract1	 i		amount~15000
✓ order-received	□ post-actualization		planned date=2020-06-15 planned quantity=10	planned allocation~Dail planned date~2020-06-10			from~Party200 resource type~Dai
□ counter-order-received		currency=Dai	receiver party=Party200	planned receiver amount~	12000		
□ order-accepted	i	planned delivery=PlanDell planned payment~PlanPay1	sender party=Party100	planned VAT/MOMS~3000	;		
□ paid		sale type=wholesale					
☐ despatched		seller party=Party100 VAT/MOMS=3000					
□ goods-received		VAT7MOMS=3000					
□ abandoned							
□ completed							
DeliveryType ®	<u> GreenSportBike</u> ®	Party100	® Party200	Party300 ®	<u>PaymentType</u> ®	PC001 ®	<u>PC002</u> ® <u>PC003</u>
Economic Event Type	Economic Resource Type	Economic Agent	Economic Agent	Economic Agent	- 71	Economic Resource	Economic Resource Economic Resou
■ event-type-identified ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■	resource-type-identified	participating	participating	participating	🗷 event-type-identified	available	🗷 available 🗵 available
		balance=0	balance=100000	balance=0	resource type=dai	reserved	□ reserved □ reserved
		currency=Dai name=Bill's Bikes Manufacturi	currency=Dai ng name=Jonas's Bike Sho	currency=Dai p name=Danish Tax Agency	<u> </u>	exchanged	□ exchanged □ exchanged
		type=Seller	type=Buyer	type=TaxAuthority		wner=Party100 erial number=PC001	owner=Party100 owner=Party100 serial number=PC002 serial number=PC
	L	wallet=0x4cFa2eDE	wallet=0xdF86f112	wallet==0xdA9f23F4		ype=GreenSportBike	serial number=PC002 serial number=PC type=GreenSportBike type=GreenSportB
PC004 ®	PC005 ® PC00	6 ® <u>PC007</u> ®	PC008 ®	<u>PC009</u> ® <u>F</u>	PC010 ® PC011	® <u>PC10</u>	00 ® <u>PC101</u> ®
Economic Resource Econ	nomic Resource Economic R	esource Economic Resource			nic Resource Economic Res		
🗷 available 🗵 av	vailable 🗵 available	available	🗷 available 🗵	available 🗵 avai	lable 🗵 available	available	e 🗷 available
□ reserved □ re	served reserved	□ reserved	□ reserved □	reserved reserved	rved reserved	□ reserved	□ reserved
□ exchanged □ ex	changed	d □ exchanged	\square exchanged \square	exchanged exch	nanged	□ exchange	ed □ exchanged
	r=Party100 owner=Party1				owner=Party10		
	al number=PC005 serial numbe =GreenSportBike type=GreenSp				number=PC010 serial number= eenSportBike type=GreenSpo:		
	1 11 1		11 1				
PC102 ®	PC103 ® PC10	4 ® RedSportBil	ke ® Seller	® <u>TaxAuthor</u>	ity ®]	
Economic Resource Econ	nomic Resource Economic R	esource Economic Resource	e Type Economic Ager	nt Type Economic Agen	t Type Economic Event		
🗷 available 🗵 av	vailable 🗵 available		entified 🗵 agent-type-ide	entified 🗵 agent-type-ide	entified underway		
□ reserved □ re	served reserved	price currency=Dai	role=seller	role=Tax Authorit			
□ exchanged □ ex	xchanged □ exchange	d suggested price=800 suggested VAT/MOMS=2	200			4	
	c=Party100 owner=Party1	00					
	al number=PC103 serial numbe =RedSportBike type=RedSpor						
17F1 Wedebalepine Cibe-							

Business Event #13: Seller: Deal! The order is acceptable

Stimuli: Track business process descriptions (response-simple-accept); Add actual price (reserve); Pay for an order (accept-commitment)
From: seller; To: buyer; Document: Order Response Simple;

		T	T				
Process1 Business Process Detail	Process1 Business Process Overview	Contract1 Economic Contract	PlanDel1 Economic Commitment	PlanPay1 Economic Commitment	<u>Buyer</u> Economic Agent Ty	© <u>Dai</u> pe Economic Resource Type	® <u>Dail</u> ® Economic Resource
						<u> </u>	
☑ catalogue-requested	☑ planning	☑ offered	☑ proposed	☑ proposed	agent-type-identification		
☑ catalogue-received	☑ identification	accepted		☑ specified	role=buyer	exchange USD=1.0 proper name=Dai	□ reserved
☑ quotation-requested	negotiation	□ contract-complete	□ commitment-complete	□ commitment-complete	i	resource type=cryptocurre	ency carchanged
☑ quotation-received	☑ actualization	buyer party=Party200 contract date=2020-06-01	item=GreenSportBike planned date=2020-06-15	contract=Contract1 planned allocation=Dai1		_	amount=15000 from=Party200
order-received	□ post-actualization	cost=12000	planned quantity=10	planned date=2020-06-10			resource type=Dai
counter-order-received	·	currency=Dai planned delivery=PlanDel1	receiver party=Party200 sender party=Party100	planned receiver amount=120 planned VAT/MOMS=3000	00		
☑ order-accepted		planned payment=PlanPay1	L				
□ paid	İ	sale type=wholesale seller party=Party100					
despatched		VAT/MOMS=3000					
□ goods-received			_				
□ abandoned	i						
□ completed							
				al			
DeliveryType ®	GreenSportBike ®	Party100	® Party200	Party300 ®	PaymentType ®		002 ® <u>PC003</u>
Economic Event Type	Economic Resource Type	Economic Agent	Economic Agent	_ _		Economic Resource Economic	
event-type-identified	resource-type-identified	participating	□ participating	- I —————— I —	71	🗷 available 🗷 availal	
delivery-type=wholesale	price currency=Dai suggested price=1200	balance=0 currency=Dai	balance=100000 currency=Dai	balance=0 re currency=Dai		☑ reserved ☑ reserv	
	suggested VAT/MOMS=300	name=Bill's Bikes Manufactu	ring name=Jonas's Bike Sho	p name=Danish Tax Agency		□ exchanged □ exchar	<u> </u>
		type=Seller wallet=0x4cFa2eDE	type=Buyer wallet=0xdF86f112	type=TaxAuthority wallet==0xdA9f23F4		actual price~1200 actual pr actual VAT/MOMS~300 actual VA	ice~1200 actual price~1200
	ı	wallet-ox4cla2cbb	wallee-oxarooiii2	walletbaday12314	1	owner=Party100 owner=Par	ty100 owner=Party100
					! : 	serial number=PC001 serial nu type=GreenSportBike type=Gree	mber=PC002 serial number=PC00
					L'	espe dreemportstate espe dree	Topolesiae type oreensporesia
PC004 ®	PC005 ® PC00	06 ® PC007	® PC008 ®	PC009 ® PC0	010 ® PC011	. ® PC100 ®	PC101 ®
Economic Resource Eco	onomic Resource Economic F	Resource Economic Resour	ce Economic Resource Ec	conomic Resource Economic	Resource Economic Re	source Economic Resource	Economic Resource
🗷 available 🗵 a	available 🗷 available	e 🗷 available	🗷 available 🗵	available 🗷 availab	le 🗷 available		∡ available
	reserved reserved	, , , , , , , , , , , , , , , , , , , ,		reserved reserve			□ reserved
	exchanged	J - LJ		exchanged			□ exchanged
	ual price~1200 actual pric			tual price~1200 actual pri	.ce~1200 owner=Party10	owner=Party100	owner=Party100
	ual VAT/MOMS~300 actual VAT/ er=Party100 owner=Party			tual VAT/MOMS~300 actual VAT ner=Party100 owner=Part			serial number=PC101 type=RedSportBike
	ial number=PC005 serial numb					ortBike type=RedSportBike	type=RedSportBiRe
type=GreenSportBike type	e=GreenSportBike type=GreenS	portBike type=GreenSportBi	ke type=GreenSportBike ty	pe=GreenSportBike type=Green	SportBike		
		- 1	. •			7	
PC102 ®	PC103 ® PC10				- 1		
Economic Resource Eco				<u> </u>	<u> </u>	.	
	available 🗵 available	71					
	reserved reserved			role=Tax Authority	□ event-complete		
□ exchanged □ c	exchanged exchange	ed suggested price=8 suggested VAT/MOM				_	
	er=Party100 owner=Party	100					
	ial number=PC103 serial numb e=RedSportBike type=RedSpo						
ri nedeporebike type	- Interpotablika - cype-kedapo						

Business Event #14: Buyer: Okay, here is the payment

Stimuli: Track business process descriptions (remittance-advice); Payment (initiate-event); Payment to be made (reserve); Payment added to contract wallet (modify-contract); Payment removed from buyer's wallet (modify-agent) From: buyer; To: seller; Document: Remittance Advice;

				ener, Document. Kennttance Advic	=5		
Process1	Process1	<u>Contract1</u>	Pay1	<u>PlanDel1</u>	<u>PlanPay1</u>	<u>Buyer</u>	<u>Dai</u> ®
Business Process Detail	Business Process Overview	Economic Contract	Economic Event	Economic Commitment	Economic Commitment	Economic Agent Type	Economic Resource Type
	☑ planning	☑ offered	✓ underway	□ proposed	□ proposed	■ agent-type-identified	▼ resource-type-identified
	☑ identification	□ accepted	□ event-complete			role=buyer	exchange USD=1.0
	☑ negotiation	□ contract-complete	allocation sf~Dail	□ commitment-complete	□ commitment-complete		proper name=Dai
✓ quotation-received	actualization act	buyer party=Party200	contract~Contract1	item=GreenSportBike	contract=Contract1		resource type=cryptocurrency
☑ order-received	□ post-actualization	contract date=2020-06-01	event type~PaymentType payment date~2020-06-10	planned date=2020-06-15 planned quantity=10	planned allocation=Dail planned date=2020-06-10		
□ counter-order-received		currency=Dai	planned payment~PlanPayl	receiver party=Party200	planned date=2020=06=10 planned receiver amount=12000		
✓ order-accepted		pranned derivery=Pranberr	receiver amount~12000 VAT/MOMS~3000	sender party=Party100	planned VAT/MOMS=3000		
☑ paid	!	planned payment=PlanPayl sale type=wholesale		4			
□ despatched	i	seller party=Party100					
□ goods-received		VAT/MOMS=3000 wallet balance~15000					
□ abandoned		wallet balance~15000 wallet currency~Dai					
□ completed							
	i i						
Dai1 ® I	DeliveryType ® Gre	enSportBike ®	Party100 ®	Party200 ®	Party300 ® Paym	entType ® PC	001 ® PC002 ®
		nic Resource Type	Economic Agent	Economic Agent			c Resource Economic Resource
	<u> </u>	J1	icipating			type-identified availal	
		rrency=Dai balance			llance=0 resource		
□ exchanged		ed price=1200 current			rrency=Dai	□ exchar	_
amount=15000	suggeste		.ll's Bikes Manufacturing		me=Danish Tax Agency	actual pr	8
from=Party200		type=Se wallet=	eller =0x4cFa2eDE		pe=TaxAuthority 11let==0xdA9f23F4		T/MOMS=300 actual VAT/MOMS=300
resource type=Dai				-		owner=Par	
							mber=PC001 serial number=PC002 nSportBike type=GreenSportBike
						121	121 1 121 1 1 1 1 1 1 1
PC003 ®	PC004 ® PC00	5 ® PC006	PC007 ®	PC008 ® I	PC009 ® PC010	® PC011 ®	PC100 ®
Economic Resource Econ	nomic Resource Economic R	esource Economic Resource	e Economic Resource E	Economic Resource Econor	nic Resource Economic Resource	ce Economic Resource	Economic Resource
🗷 available 🗓 a	vailable 🗵 available	<u> </u>	🗵 available	available 🗵 avai	lable 🗷 available	▼ available	☑ available
	eserved reserved	reserved		reserved rese			□ reserved
	xchanged □ exchange			exchanged = exch			□ exchanged
	al price=1200 actual price		_		price=1200 actual price=1200	_ .	owner=Party100
actual VAT/MOMS=300 actu	al VAT/MOMS=300 actual VAT/M	OMS=300 actual VAT/MOMS=30	actual VAT/MOMS=300 a	ctual VAT/MOMS=300 actual	VAT/MOMS=300 actual VAT/MOMS=3	00 serial number=PC011	serial number=PC100
	r=Party100 owner=Party1 al number=PC004 serial numbe				arty100 owner=Party100 number=PC009 serial number=PC0		type=RedSportBike
	=GreenSportBike type=GreenSp				eenSportBike type=GreenSportBi		
	*					_	
PC101 ®	PC102 ® PC10	3 ® <u>PC104</u>	RedSportBike	® <u>Seller</u>	® <u>TaxAuthority</u> ®		
Economic Resource Econ	nomic Resource Economic R	esource Economic Resource	Economic Resource Ty	ype Economic Agent Typ	be Economic Agent Type		
🗷 available 🗵 a	vailable 🗷 available		resource-type-identi	fied 🗵 agent-type-identifi	ed 🗵 agent-type-identified		
	eserved \Box reserved	□ reserved	price currency=Dai	role=seller	role=Tax Authority		
	xchanged \Box exchange		suggested price=800	<u> </u>	<u> </u>		
	r=Party100 owner=Party1		suggested VAT/MOMS=200				
serial number=PC101 seri	al number=PC102 serial numbe	r=PC103 serial number=PC10	4				
type=RedSportBike type	=RedSportBike type=RedSpor	tBike type=RedSportBike					

Business Event #15: Seller: Thank you, I have despatched 10 green bikes

Stimuli: Track business process descriptions (despatch-advice); Delivery (initiate-event)
From: seller; To: buyer; Document: Despatch Advice;

Pro1	Process1	Combract1	Del1	Down1	Dle	nDel1	PlanPay1	1	Ban (
Process1 Business Process Detail	Business Process Overview	<u>Contract1</u> Economic Contract	Economic Event	<u>Pay1</u> Economic Event		Commitment	Economic Comm	-	Buyer Economic Agent Type
🗵 catalogue-requested	□ planning	✓ offered	✓ underway	✓ underway			☑ proposed	itiliciit	agent-type-identified
□	☑ planning ☑ identification				☑ proposed				role=buyer
✓ catalogue-received ✓ quotation-requested		accepted accepted	□ event-complete	□ event-complete	specified	4	specified same same	mlata	rore-buyer
1 1	☑ negotiation	contract-complete	actual date~2020-06-10 actual quantity~10	contract=Contract1	item=GreenS	ent-complete	contract=Contract1	piete	
✓ quotation-received ✓ order-received	actualization actualization	contract date=2020-06-01	event type~DeliveryType	event type=PaymentTy	/pe nlanned date		planned allocation=D	ail	
□ counter-order-received	□ post-actualization	cost=12000	item~GreenSportBike planned delivery~PlanDel	payment date=2020-06 planned payment=Plan	planned quar	ntity=10	planned date=2020-06		
		currency=Dai planned delivery=PlanDell	receiver party~Party200	receiver amount=1200			planned receiver amo planned VAT/MOMS=300		
☑ order-accepted ☑ paid		planned payment=PlanPay1	sender party~Party100	VAT/MOMS=3000			1		
		sale type=wholesale seller party=Party100							
✓ despatched		VAT/MOMS=3000							
☐ goods-received		wallet balance=15000							
□ abandoned		wallet currency=Dai							
☐ completed									
De:	® Dai1 ®	DeliveryType ® G	reenSportBike ®	Party100	® De-	ty200 ®	Party300	® Do	ymentType ®
<u>Dai</u> Economic Resource Type			nomic Resource Type	Economic Agent		mic Agent	Economic Agent		omic Event Type
		71	<u> </u>						
resource-type-identified				participating			participating balance=0		nt-type-identified
exchange USD=1.0 proper name=Dai				alance=0 urrency=Dai	currency=		currency=Dai	resourc	ee type=dai
resource type=cryptocurren	cy exchanged amount=15000		sted VAT/MOMS=300 n	ame=Bill's Bikes Manufa	cturing name=Jona	s's Bike Shop	name=Danish Tax Agend	cy	
	from=Party200			ype=Seller allet=0x4cFa2eDE	type=Buye wallet=0x	r dF86f112	type=TaxAuthority wallet==0xdA9f23F4		
	resource type=Dai							_	
	®I		n	®I	®			®	®
PC001 ®	PC002 ® PC00		PC005 ®	PC006 ®	<u>PC007</u> ®	PC008	® <u>PC009</u>		PC010 ®
	omic Resource Economic R				conomic Resource	Economic Res			onomic Resource
· ——	vailable ✓ available	available			available	available	available		available
	served 🗵 reserved				reserved	reserved			reserved
1	changed \Box exchange				exchanged	□ exchanged	□ exchanged		exchanged
	al price=1200 actual price al VAT/MOMS=300 actual VAT/M				tual price=1200 tual VAT/MOMS=300	actual price= actual VAT/MO			cual price=1200 cual VAT/MOMS=300
	r=Party100 owner=Party1				ner=Party100	owner=Party10			ner=Party100
	al number=PC002 serial numbe				rial number=PC007	serial number			rial number=PC010
type=GreenSportBike type=	GreenSportBike type=GreenSp	oortBike type=GreenSportBik	e type=GreenSportBike	type=GreenSportBike typ	pe=GreenSportBike	type=GreenSpo	rtBike type=GreenSpor	rtBike typ	pe=GreenSportBike
PC011 ®	PC100 ® PC10	1 ® PC102	® PC103 ®	PC104 ®	RedSportBik	e ®	Seller ®	TaxA11+1	hority ®
	omic Resource Economic R				conomic Resource				Agent Type
	vailable Zavailable				resource-type-ider				e-identified
	served available	□ reserved	I <u> </u>		ice currency=Dai	role=s		le=Tax Auti	
	changed \square exchange				ggested price=800	1016-3	01101		
<u> </u>	=Party100 owner=Party1		_ .	owner=Party100	ggested VAT/MOMS=2	00			
	al number=PC100 serial number			serial number=PC104					
type=GreenSportBike type=	RedSportBike type=RedSpor	tBike type=RedSportBike	type=RedSportBike	type=RedSportBike					

Business Event #16: Buyer: Thank you, I have received 10 green bikes

Stimuli: Track business process descriptions (receipt-advice); Accept an order (exchange); Delivery completed (complete-commitment); Delivery completed (complete-event)

From: buyer; To: seller; Document: Receipt Advice;

				From: buyer; 10	: seller; Document: Receipt Advi	<u>ce</u> ;				
Process1	Process1		Contract1	Pay1	PlanPay1		Buyer	® <u>Da</u> :	<u>i</u> ®	Dail ®
Business Process Detail	Business Process Overv	ew Ec	onomic Contract	Economic Event	Economic Commitm	ent Econo	omic Agent Type	Economic Res	source Type I	Economic Resource
	▼ planning	▼ offe	ered x	underway	proposed proposed	ℤ age	nt-type-identifie	d resource-type	e-identified	available available
	identification	acc acc	epted	event-complete		role=b	ıyer	exchange USD=1.		reserved
▼ quotation-requested	negotiation		tract complete	llocation sf=Dail	□ commitment-comple	te		proper name=Dai resource type=c		exchanged
▼ quotation-received	actualization			ontract=Contract1 vent type=PaymentType	contract=Contract1 planned allocation=Dail			111111111111111	a	mount=15000
▼ order-received	□ post-actualization	contra cost=1	2000 pa	ayment date=2020-06-10	nlanned date=2020-06-10					rom=Party200 resource type=Dai
☐ counter-order-received		curren	Cy-Dai	lanned payment=PlanPayl eceiver amount=12000	pranned receiver amount	=12000			_	
▼ order-accepted				AT/MOMS=3000	planned VAT/MOMS=3000					
▼ paid		sale t	ype=wholesale							
despatched			party=Party100 MS=3000							
☑ goods-received	İ	wallet	balance=15000							
□ abandoned		wallet	currency=Dai							
□ completed	<u> </u>									
DeliveryType ®	GreenSportBike	R	Party100	Party200	® Party300	® Da	ntType ®	PC011 ®	PC100	® PC101
Economic Event Type	Economic Resource Type		Economic Agent	Economic Agent	Economic Agent			Economic Resource	Economic Reso	
	resource-type-identifie			✓ participating	☑ participating		71	available	available available	available
	price currency=Dai	balance=		balance=85000	balance=0	resource ty		reserved	□ reserved	□ reserved
	suggested price=1200	currency	=Dai	currency=Dai	currency=Dai			□ exchanged	□ exchanged	□ exchanged
L	suggested VAT/MOMS=300	name=Bil type=Sel	l's Bikes Manufacturine ler	g name=Jonas's Bike Sh type=Buyer	nop name=Danish Tax Agend type=TaxAuthority	: y		wner=Party100	owner=Party100	owner=Party100
			x4cFa2eDE	wallet=0xdF86f112	wallet==0xdA9f23F4			erial number=PC011	serial number=1	
							t	ype=GreenSportBike	type=RedSportB:	ike type=RedSportBik
PC102 ®	PC103 ® PC	104 ®	RedSportBik	e ® Selle	r ® TaxAutho	rity ® ©	Del1	° Pla	anDel1	© PC001
		c Resource	Economic Resource				Economic Eve	•	Commitment	Economic Resource
	vailable 🗵 avail		resource-type-iden		<u> </u>		underway	🗵 propose		■ available ■ ava
	eserved \Box reser		price currency=Dai	role=seller	role=Tax Autho		event-complete			☑ reserved
□ exchanged □ e	exchanged	nged	suggested price=800 suggested VAT/MOMS=20	20	•		ual date=2020-06		ment-complete	exchanged exchang
wner=Party100 owne	r=Party100 owner=Pa	rty100	suggested VAT/MOMS=20	00			ual quantity=10 nt type=Delivery	item=Green		actual price~1200
		umber=PC104 SportBike					nt type=Delivery m=GreenSportBike		te=2020-06-15	actual VAT/MOMS~300 deliverv~Dell
уре-кешороговике суре	=RedSpoitBike type=Red	pportbike	J				nned delivery=Pl	lanDell receiver pa	arty=Party200	owner~Party200
							eiver party=Part der party=Party1	sender par		serial number=PC001
										type=GreenSportBike
© <u>PC002</u> ©	PC003 © P	004	© <u>PC005</u>	© <u>PC006</u>	© <u>PC007</u> ©	PC008	© PC009	© PC01	L <u>0</u>	
Economic Resource Econ	nomic Resource Econom	c Resource	Economic Resource	Economic Resource	Economic Resource Econ	omic Resource	Economic Res	source Economic F	Resource	
🗷 available 🗵 a	vailable 🗷 avail	ble	🗷 available	🗷 available	ĭ available	ailable	available availab	available	9	
▼ reserved	eserved 🗵 reser	ed	☑ reserved	☑ reserved_	🗷 reserved 🗵 re	served	🗷 reserved	🗷 reserved		
	xchanged 🗵 excha		exchanged exchang			changed	exchanged			
		rice~1200	actual price~1200			l price~1200	actual price~			
	al VAT/MOMS~300 actual V.very~Dell delivery	AT/MOMS~300	actual VAT/MOMS~300 delivery~Del1			11 VAT/MOMS~300 verv~Del1	actual VAT/MON delivery~Del1	MS~300 actual VAT/.delivery~De		
owner~Party200 owne	r~Party200 owner~Pa	rty200	owner~Party200	owner~Party200	owner~Party200 cwner	~Party200	owner~Party200) owner~Party	200	
serial number=PC002 seri					serial number=PC007 seria type=GreenSportBike type=					
:ype=GreenSportBike 🚦 type	:-Greenpbortpike 🕻 tybe=Gre	enSportBike	type=GreenSportBike	type=GreenSportBike 🚦 t	rlbe-greeupborrpike 🕻 flbe:	-GreeupbortBlKe	type=GreenSpor	trotke : type=Greens	horrpike .	

Business Event #17: Seller: We're square, here is your invoice

Stimuli: Track business process descriptions (invoice); Transfer the funds (exchange); Payment added to other wallets (modify-agent); Payment completed (complete-event); Payment and delivery made (complete-commitment); Contract completed (complete-contract) From: seller; To: buyer; Document: Invoice); Payment and delivery made (complete-commitment); Contract completed (complete-contract)

				From: sell	ler; To: buyer; Document: <u>Ir</u>	ivoice;			
Buyer	® Dai	<u>R</u>	DeliveryType ®	GreenSportBike	® Party	<u>,100</u> ®	Party200	Party300 ®	PaymentType ®
Economic Agent Typ	e Economic Res	ource Type Ec	onomic Event Type	Economic Resource Typ	pe Economi	c Agent	Economic Agent	Economic Agent	Economic Event Type
■ agent-type-identifie	ed 🗷 resource-type	e-identified	event-type-identified	resource-type-identifi	ed participating		participating	participating	■ event-type-identified
role=buyer	exchange USD=1.0	del:		price currency=Dai	balance~12000		balance=85000	balance~3000	resource type=dai
	proper name=Dai resource type=cr	ryptocurrency		suggested price=1200 suggested VAT/MOMS=300	currency=Dai name=Bill's Bike:	s Manufacturing	currency=Dai name=Jonas's Bike Shop	currency=Dai p name=Danish Tax Agency	
			L		type=Seller		type=Buyer	type=TaxAuthority	
					wallet=0x4cFa2e	эр <u>е</u>	wallet=0xdF86f112	wallet==0xdA9f23F4	
PC011 ®	PC100 ®	PC101	® PC102	® PC103 ®	PC104 ®	RedSpor	tBike ® S	Seller ® TaxA	uthority ®
Economic Resource	Economic Resource	Economic Resour	ce Economic Resourc	e Economic Resource	Economic Resource	Economic Res	ource Type Econom	nic Agent Type Econom	ic Agent Type
	available	available	available availab			resource-typ	e-identified 🗵 agent-	type-identified 🗵 agent-	type-identified
□ reserved	□ reserved	□ reserved	□ reserved	□ reserved	□ reserved	price currency=		ler role=Tax	Authority
□ exchanged	□ exchanged	□ exchanged	□ exchanged	□ exchanged	□ exchanged	suggested price suggested VAT/M		· · · · · · · · · · · · · · · · · · ·	
owner=Party100 serial number=PC011	owner=Party100 serial number=PC100	owner=Party100 serial number=PC1	owner=Party100 01 serial number=PC10	owner=Party100 2 serial number=PC103	owner=Party100 serial number=PC104	33			
type=GreenSportBike	type=RedSportBike	type=RedSportBike		type=RedSportBike	type=RedSportBike				
				•		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		
© <u>Process1</u>	© Proce		Contract1	© <u>Del1</u>	© <u>Pay1</u>	©	PlanDel1	PlanPay1	© <u>Dai1</u>
Business Process De	— : — —		Economic Contract	Economic Event	Economic E	vent Econ	omic Commitment	Economic Commitment	Economic Resource
□ catalogue-requeste	, 1	: -	offered	underway underway	🗵 underway	ℤ pro		roposed proposed	available
			ccepted	🗷 event-complete	✓ event-comple			specified	🗷 reserved
🗷 quotation-requested	· ·	: — <u>-</u> -	contract-complete	actual date=2020-06-10 actual quantity=10	allocation sf=Da contract=Contrac	. 1		commitment-complete	☑ exchanged amount=15000
quotation-receivedorder-received		: : .o.t.	al delivery~Deli al payment~Payl	event type=DeliveryTyp		ntType : planne		lanned allocation=Dail	from=Party200
□ counter-order-recei	✓ post-actuali	. Duy	er party=Party200 tract date=2020-06-01	item=GreenSportBike planned delivery=PlanD	payment date=202 ell planned payment=	Dlan Davil Prailife		lanned date=2020-06-10	resource type=Dai 00 tol-amount~12000
✓ order-accepted	ved		:=12000	receiver party=Party20 sender party=Party100	0 receiver amount= VAT/MOMS=3000			lanned VAT/MOMS=3000	to1-party~Party100
🗷 paid			rency=Dai nned delivery=PlanDell	sender party-rarty100	VAI/MOM5-3000		· · · · · · · · · · · · · · · · · · ·	•••••	to2-amount~3000 to2-party~Party300
✓ despatched		pla	nned payment=PlanPay1						. coz parcy rarcysoo
			e type=wholesale er party=Party100						
□ abandoned		VAT	MOMS=3000						
completed			.et balance~0 .et currencv=Dai						
	 .								
© <u>PC001</u>	© <u>PC002</u>	© <u>PC003</u>	© <u>PC004</u>	© <u>PC005</u>	© <u>PC006</u>	© <u>PC007</u>	© <u>PC008</u>	© <u>PC009</u>	© <u>PC010</u>
Economic Resource	Economic Resource	Economic Resour	ce Economic Resourc	e Economic Resource	Economic Resource	Economic Reso	urce Economic Resou	irce Economic Resource	Economic Resource
🗷 available	available	🗷 available	🗵 available	available availab	🗷 available	🗷 available	🗵 available	🗷 available	🗷 available
🗷 reserved	▼ reserved	▼ reserved ■ reserved		▼ reserved		▼ reserved ■ reserved			🗵 reserved
				exchanged					
actual price=1200 : actual VAT/MOMS=300 :	actual price=1200 actual VAT/MOMS=300	actual price=1200 actual VAT/MOMS=3		actual price=1200 0 actual VAT/MOMS=300	actual price=1200 actual VAT/MOMS=300	actual price=12 actual VAT/MOMS			actual price=1200 actual VAT/MOMS=300
delivery=Dell	delivery=Del1	delivery=Del1	delivery=Del1	delivery=Dell	delivery=Dell	delivery=Dell	delivery=Del1	delivery=Dell	delivery=Del1
owner=Party200 :serial number=PC001 :	owner=Party200 serial number=PC002	owner=Party200 serial number=PC0	owner=Party200 03 serial number=PC00	owner=Party200 serial number=PC005	owner=Party200 serial number=PC006	owner=Party200 serial number=P	owner=Party200 C007 serial number=PC	owner=Party200	owner=Party200 : serial number=PC010 :
	type=GreenSportBike	type=GreenSportBi			type=GreenSportBike	type=GreenSport	``		type=GreenSportBike

Business Event #18: Buyer: Do you have the red bikes that I want?

Stimuli: Establish business process descriptions (request-quotation); Initiate a contract (offer-contract); Commitments to contracts and deliveries (propose-commitment); Payment to be made (identify-available-resource)

From: buyer; To: seller; Document: Request For Quotation;

Process2	Process2	Contract2	PlanDel2	<u>Buyer</u> ®	<u>Dai</u>	® <u>D</u> a	ui2 ® Deli	veryType ®
Business Process Detail	Business Process Overview	Economic Contract	Economic Commitment	Economic Agent Type	Economic Resou	rce Type Economic	Resource Econom	nic Event Type
☐ catalogue-requested	□ planning	✓ offered	proposed proposed	agent-type-identified role=buyer	resource-type-i			type-identified
☐ catalogue-received		□ accepted	☐ specified	role=buyer	exchange USD=1.0	□ reserve	ed delivery-	type=wholesale
quotation-requested	☐ negotiation	□ contract-complete	□ commitment-complete		proper name=Dai resource type=cryp	otocurrency 🗆 exchar	nged	
☐ quotation-received	└ □ actualization	buyer party~Party200	item~RedSportBike planned date~2020-07-15			amount~10 from~Part	000	
□ order-received	☐ post-actualization	planned delivery~PlanDel				resource		
☐ counter-order-received	l	sale type~wholesale seller party~Party100	receiver party~Party200			L		
□ order-accepted	!	seller party~Party100	sender party~Party100	i				
□ paid								
☐ despatched								
☐ goods-received	!							
□ abandoned								
□ completed								
	100					®I -c100 1	20101	® I
GreenSportBike	Party100	® Party200	® Party300 ®	PaymentType ®	PC011 Economic Resource	PC100 E Economic Resource	PC101	© PC102 © Economic Resource
Economic Resource Type	Economic Agent	Economic Ager	— I — 	Economic Event Type	I———	-	-	-
resource-type-identified	participating balance=12000	participating balance=85000	participating balance=3000	event-type-identified resource type-dai	available reserved reserved	☑ available ☐ reserved	available reserved □	☑ available ☐ reserved
suggested price=1200	currency=Dai	currency=Dai	currency=Dai	resource type-dar	-	□ exchanged		
suggested VAT/MOMS=300	name=Bill's Bikes Manufac				cxchanged owner=Party100	owner=Party100	exchanged owner=Party100	_ □ exchanged owner=Party100
	wallet=0x4cFa2eDE	type=Buyer wallet=0xdF86f11	type=TaxAuthority 2 wallet==0xdA9f23F4		serial number=PC01		0 serial number=PC10	1 serial number=PC102
			•		type=GreenSportBik	e type=RedSportBike	type=RedSportBike	type=RedSportBike
□ available □ reserved □ exchanged owner=Party100 serial number=PC103	nomic Resource vailable variable variab	Resource Type -type-identified -throughout Econom Resource Type -type-identified -throughout Econom Resource Type -type-identified -throughout Econom -type-identified -thro	ic Agent Type type-identified er er TaxAut Economic A agent-typ role=Tax Aut	Agent Type e-identified hority Business P catalogue catalogue quotation quotation corder-rec	e-requested	Process1 iness Process Overview planning dentification legotiation citualization lost-actualization	Contract Economic Con Contract	tract tract 11 1 00 -06-01 lanDell anPayl e 100
© <u>Del1</u>	© <u>Pay1</u>	© <u>PlanDel1</u>	© <u>PlanPay1</u>	° <u>Dai1</u> °	PC001	© <u>PC002</u>	© <u>PC003</u>	© <u>PC004</u>
Economic Event	Economic Event	Economic Commitment	Economic Commitment	Economic Resource E	Economic Resource	Economic Resource :	Economic Resource	Economic Resource
underway underway	underway underway	🗷 proposed	🗵 proposed	🗵 available	available	🗷 available	■ available ■ ava	🗷 available
🗷 event-complete	🗷 event-complete			☑ <u>reserved</u> ☑	reserved reserved	x reserved		🗷 reserved
actual date=2020-06-10	allocation sf=Dail		☑ commitment-complete		exchanged	▼ exchanged	exchanged	
actual quantity=10 event type=DeliveryType	contract=Contract1 event type=PaymentType	item=GreenSportBike	contract=Contract1		ctual price=1200	actual price=1200	actual price=1200	actual price=1200
item=GreenSportBike	payment date=2020-06-10	planned date=2020-06-15 planned quantity=10	planned allocation=Dail planned date=2020-06-10		ctual VAT/MOMS=300 :	actual VAT/MOMS=300 delivery=Del1	actual VAT/MOMS=300 delivery=Del1	actual VAT/MOMS=300: delivery=Del1:
planned delivery=PlanDell receiver party=Party200	planned payment=PlanPay1 receiver amount=12000	receiver party=Party200	planned receiver amount=1200	0 tol-amount=12000 o	wner=Party200	owner=Party200	owner=Party200	owner=Party200
sender party=Party100	VAT/MOMS=3000	sender party=Party100	planned VAT/MOMS=3000		erial number=PC001 :	serial number=PC002 : type=GreenSportBike :	serial number=PC003 type=GreenSportBike	serial number=PC004 type=GreenSportBike
	***************************************				.ype=greensportbike •	orbe orcomborchive .	cype dicemportalize ,	cape dicemportalize :

© <u>PC005</u>	© <u>PC006</u>	© <u>PC007</u>	© <u>PC008</u>	© <u>PC009</u>	© <u>PC010</u>
Economic Resource	Economic Resource	Economic Resource	Economic Resource	Economic Resource	Economic Resource
🗷 available	🗵 available	🗷 available	🗵 available	🗷 available	🗷 available
x reserved	🗷 reserved	🗵 reserved	🗷 reserved	🗵 reserved	reserved reserved reserved reserved
exchanged					▼ exchanged
actual price=1200	actual price=1200	actual price=1200	actual price=1200	actual price=1200	actual price=1200
actual VAT/MOMS=300	actual VAT/MOMS=300	actual VAT/MOMS=300	actual VAT/MOMS=300	actual VAT/MOMS=300	actual VAT/MOMS=300
delivery=Dell	delivery=Del1	delivery=Del1	delivery=Del1	delivery=Dell	delivery=Del1
owner=Party200	owner=Party200	owner=Party200	owner=Party200	owner=Party200	owner=Party200
:serial number=PC005	serial number=PC006	serial number=PC007	serial number=PC008	serial number=PC009	serial number=PC010
type=GreenSportBike	type=GreenSportBike	type=GreenSportBike	type=GreenSportBike	type=GreenSportBike	type=GreenSportBike

Business Event #19: Seller: Well, I have some of the bikes that you want but not all

Stimuli: Track business process descriptions (quotation); Accept a contract (accept-contract); Commitments to contracts and deliveries (modify-commitment)

From: seller; To: buyer; Document: Quotation;

			From: seller; To:	buyer; Document: Quotation;				
Process2 Business Process Detail □ catalogue-requested □ catalogue-received ☑ quotation-received □ order-received □ counter-order-received □ paid □ despatched □ goods-received □ abandoned □ completed	Process2 Business Process Overview □ planning ② identification □ negotiation □ actualization □ post-actualization	Contract2 Economic Contract	PlanDel2 Economic Commitment ✓ iproposed □ specified □ commitment-complete item=RedSportBike planned date=2020-07-15 planned quantity-5 receiver party=Party200 sender party=Party100	Buyer ® Economic Agent Type I agent-type-identified role=buyer	Economic Resource T resource-type-identifiexchange USD=1.0 proper name=Dai resource type=cryptocus	fied available reserved	Resource Econon Econon Econon Event-delivery-	veryType ic Event Type type-identified type=wholesale
	omic Resource Economic	type=Buyer wallet=0xdF86f112 ortBike ® Se. Resource Type type-identified type-Bai cice=800 type=Buyer @ Se. Economic Z agent-ty role=seller ice=seller	type=TaxAuthority wallet==0xdA9f23F4 Ller	gent Type -identified ority Business P Catalogue Catalo		fication iation	PC101 Economic Resource available reserved exchanged owner=Party100 serial number=PC1(type=RedSportBike Contract Economic Con Contract Economic Con Contract Economic Con In offered Contract-complete actual delivery=Deliver party=Party contract date=202(cost=12000) currency=Dai planned delivery=Iplanned payment=Pai sale type=wholesal seller party=Party VAT/MOMS=3000 wallet balance=0	X available reserved exchanged owner=Party100 serial number=PC102 type=RedSportBike 1
© Del1 Economic Event underway event-complete actual date=2020-06-10 actual quantity=10 event type=DeliveryType item=GreenSportBike planned delivery=PlanDel1 receiver party=Party200 sender party=Party100	Underway	E specified Commitment-complete tem=GreenSportBike clanned date=2020-06-15 clanned quantity=10 ceceiver party=Party200 cender party=Party100 cender part	PlanPay1 Economic Commitment proposed specified commitment-complete ontract=Contract1 lanned allocation=Dai1 lanned date=2020-06-10 lanned receiver amount=12000 lanned VAT/MOMS=3000	mount=15000 and resource type=Dai tol-amount=12000 tol-party=Party100 s	T available T reserved T exchanged C tual price=1200 ctual VAT/MOMS=300 elivery=Del1 wher=Party200 erial number=PC001 seri	vailable eserved xchanged al price=1200 al VAT/MOMS=300 very=Del1 r=Party200 al number=PC002 si	PC003 Conomic Resource available creserved ctual price=1200 ctual VAT/MoMS=300 elivery=Del1 wner=Party200 erial number=PC003 ype=GreenSportBike	© PC004 Economic Resource available reserved exchanged actual price=1200 actual VAT/MOMS=300 delivery=Del1 owner=Party200 serial number=PC004 type=GreenSportBike

© PC005	© PC006	© PC007	© PC008	© PC009	© PC010
Economic Resource					
: Economic Resource	Economic Resource	Economic Resource	Economic Resource	Economic Resource	Economic Resource
■ available	🗷 available	🗷 available	available	🗷 available	🗷 available
<u>reserved</u>	🗷 reserved	🗷 reserved		🗷 reserved	🗷 <u>reserved</u>
exchanged					
actual price=1200	actual price=1200	actual price=1200	actual price=1200	actual price=1200	actual price=1200
actual VAT/MOMS=300	actual VAT/MOMS=300	actual VAT/MOMS=300	actual VAT/MOMS=300	actual VAT/MOMS=300	actual VAT/MOMS=300
delivery=Del1	delivery=Dell	delivery=Del1	delivery=Dell	delivery=Del1	delivery=Dell
owner=Party200	owner=Party200	owner=Party200	owner=Party200	owner=Party200	owner=Party200
serial number=PC005	serial number=PC006	serial number=PC007	serial number=PC008	serial number=PC009	serial number=PC010
type=GreenSportBike	type=GreenSportBike	type=GreenSportBike	type=GreenSportBike	type=GreenSportBike	type=GreenSportBike

Business Event #20: Buyer: Okay, here is an order (contract) for red bikes

Stimuli: Track business process descriptions (order); Accept a contract (modify-contract); Commitment to pay (propose-commitment); Change payment to be made (modify-available-resource)

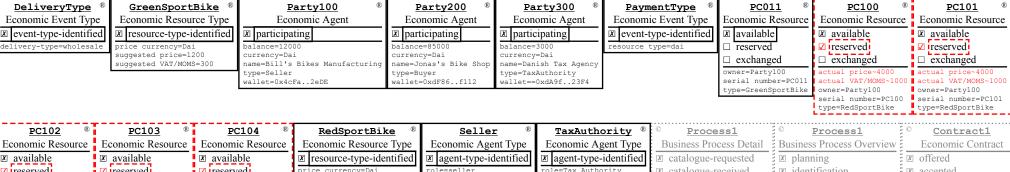
From: buyer; To: seller; Document: Order;

Business Process Detail Business Process Overview Catalogio-recrepted Catalogio-recrepted Details -		_						.	
Catalage-requested Catalag	Process2	Process2	Contract2	PlanDel2	PlanPay2				Dai2 ®
Conting Cont	·						 		<u> </u>
## goodston-requested ## goodston-requested	<i>U</i> 1	1 0	1					71	
Ground-requested Ground-requ			1						la la la la la la la la la la la la la l
Content Freedom Destroy Destro		■ negotiation	' 		□ commitment-comple	ie			□ exchanged
Delicition of deference Contribution Contribu						!	<u> </u>		amount~5000
Order-accepted Deal and part of the pa		□ post-actualization							
Depth Solid Symposition Solid Sympositio	☐ counter-order-received					~4000			
Policy General Type Genomic Resource Type Economic Resource Type Economic Resource Type Genomic Resource Type				sender party=Party100	planned VAT/MOMS~1000				
goods-received abandoned abandoned Beauty Beaut			seller party=Party100						
DeliveryType Commit Resource Party10 Economic Agent Party20 Party20 Party20 Economic Agent Party20 P	1 1		VAT/MOMS=1000						
PeliveryType Peli									
DeliveryType & GreenSportBike * Economic Resource Type Economic Resource Type Economic Resource Type Economic Resource Type Economic Resource Type Economic Resource Type Economic Resource Type Economic Resource Type DeliveryType=definited DeliveryType=d									
Economic Resource Type Economic Agent Economic Agent Economic Agent Economic Besource Type Economic Resource Eco	□ completed								
Economic Resource Type Economic Agent Economic Agent Economic Agent Economic Besource Type Economic Resource Eco						,			. 1
Second S	- 		Economic Agent	Economic Agent	. I 	I —	<u> </u>		esource Economic Resource
Seconomic Resource PC103 PC104 PC103 PC104 PC104 PC105	1 	**	□ participating						available
Schanged September Septe						resource type=dai	□ reserv	ved □ reserved	□ reserved
PC102 * PC103 * PC104 * Economic Resource								<u> </u>	
PC102 * PC103 * Economic Resource Gardinged PC104 PC105 _									
PC102 * Economic Resource Economic Resourc		L	wallet=Ux4cFaZeDE	wallet=UxdF86f112	wallet==UxdA9I23F4				
Economic Resource Econ									
available reserved									e
□ cscrved □ cschanged □ cscha	Economic Resource Econo	omic Resource Economic R	esource Economic Resour	ce Type			s Process Detail	Business Process Overvi	ew Economic Contract
□ exchanged owner=Party100 suggested Price=800 suggested VAT/MOMS=200 suggested VAT/MOMS=2	🗷 available 🗵 ava	ailable 🗵 available		dentified 🛮 🗷 agent-type-ide	ntified 🗵 agent-type-io	entified 🗵 catalog	gue-requested	▼ planning	☑ offered
Suggested VAT/MOMS=200 Cxchanged	□ reserved □ res	erved \square reserved			role=Tax Author	ty 🗵 🗵 catalog	gue-received		accepted accepted
owner=Party100 serial number=PC103 type=RedSportBike where party100 type=RedSportBike planed party200 to order-accepted where party100 to order-accepted where party1	\Box exchanged \Box exc	changed \square exchange				🗷 quotati	ion-requested	negotiation	
type=RedSportBike type=RedSportBike type=RedSportBike type=RedSportBike type=RedSportBike type=RedSportBike type=RedSportBike type=RedSportBike type=RedSportBike type=RedSportBike type=RedSportBike contract datase=2020-06-cost=2020 counter-order-received			.00			🗷 quotati	ion-received	actualization act	
Counter-order-received						🗷 order-1	received	▼ post-actualization	
Del1	1211	1211				☐ counte	r-order-received		contract date=2020-06-0
Panned delivery=PlanPanal						🗷 order-a	accepted	6 6 6	
Sale type=wholesale saler party=Party100 var1/MoM9=3000 wallet currency=Dail Del1						🗷 paid		•	planned delivery=PlanDe
Del1 Payl P									planned payment=PlanPay
Del1 Payl PlanDel1 Economic Event Economic Event Economic Event Economic Commitment Economic Commitment Economic Resource Economic Resourc						🗷 goods-	received		
Del1 Payl Economic Event Economic Event Economic Event Economic Event Economic Commitment Economic Commitment Economic Resource Economic R									
Del1 Pay1 Conomic Event Economic Event Economic Event Economic Event Underway Industry Indust						⊠ comple	eted	• • •	
Economic Event Economic Commitment Economic Commitment Economic Resource Econo									
Underway Underw	© <u>Del1</u>	© Pay1	PlanDel1	PlanPay1	© <u>Dai1</u>	PC001	© <u>PC002</u>	© <u>PC003</u>	© <u>PC004</u>
☑ event-complete ☑ event-complete ☑ event-complete ☑ event-complete ☑ reserved ☑ reserved <td>Economic Event</td> <td>Economic Event</td> <td>Economic Commitment</td> <td>Economic Commitment</td> <td>Economic Resource</td> <td>Economic Resource</td> <td>Economic Resor</td> <td>urce Economic Resource</td> <td>Economic Resource</td>	Economic Event	Economic Event	Economic Commitment	Economic Commitment	Economic Resource	Economic Resource	Economic Resor	urce Economic Resource	Economic Resource
actual date=2020-06-10 allocation sf=Dail	🗵 underway	☑ underway □	proposed :	proposed	☑ available	available available	🗷 available	☑ available	available
actual date=2020-06-10 allocation sf=Dail	🗷 event-complete		1 1	1 1	☑ reserved	z reserved	z reserved	iz reserved	reserved reserved
actual quantity=10 contract=Contract1 item=GreenSportBike contract=Contract1 amount=15000 actual price=1200 actual price=1200 actual price=1200 actual price=1200 actual price=1200 actual vaT/MoMS=300 actual	actual date=2020-06-10	allocation sf=Dail							
actual var/moms=300 actual var/moms=300 actual var/moms=300 actual var/moms=300 actual var/moms=300.		contract=Contract1		1	*	Ü			
		normant data-2020 06 10 "F							
planned delivery=PlanDell : planned payment=PlanPayl : receiver party=Party200 : owner=Party200 : owner=Part	planned delivery=PlanDel1	planned payment=PlanPay1		lanned date=2020-06-10 lanned receiver amount=12000		delivery=Del1 owner=Party200	delivery=Del1 owner=Party200	delivery=Del1 owner=Party200	delivery=Del1 owner=Party200
receiver party=Party200 receiver amount=12000 receiver amount=12000 receiver amount=12000 serial number=PC001 serial number=PC002 serial number=PC003 serial number=PC004 receiver amount=12000 receiv		receiver amount=12000 :			tol-party=Party100	serial number=PC001	serial number=P0	0002 serial number=PC003	serial number=PC004
to2-amount=3000 type=GreenSportBike type=Green	. Donact Parcy-rarcyrou				+02-amount=3000	- uma-Craan Chart Dika	* tyme=GreenSnortE	Diko : tumo-CroonCnortDiko	

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Economic Resource	Economic Resource	Economic Resource	Economic Resource	Economic Resource	Economic Resource
🗷 available	🗷 available	🗷 available	🗷 available	🗷 available	🗷 available
: 🗷 reserved	🗷 reserved	🗵 reserved		🗷 reserved	
		▼ exchanged			exchanged
actual price=1200	actual price=1200	actual price=1200	actual price=1200	actual price=1200	actual price=1200
actual VAT/MOMS=300	actual VAT/MOMS=300	actual VAT/MOMS=300	actual VAT/MOMS=300	actual VAT/MOMS=300	actual VAT/MOMS=300
delivery=Del1	delivery=Dell	delivery=Dell	delivery=Dell	delivery=Del1	delivery=Del1
owner=Party200	owner=Party200	owner=Party200	owner=Party200	owner=Party200	owner=Party200
: serial number=PC005	serial number=PC006	serial number=PC007	serial number=PC008	serial number=PC009	serial number=PC010
type=GreenSportBike	type=GreenSportBike	type=GreenSportBike	type=GreenSportBike	type=GreenSportBike	type=GreenSportBike

Business Event #21: Seller: Deal! The order is acceptable

Stimuli: Track business process descriptions (response-simple-accept); Add actual price (reserve); Pay for an order (accept-commitment) From: seller; To: buyer; Document: Order Response Simple; Dai2 Dai Process2 Process2 Contract2 PlanDel2 PlanPay2 Buyer Business Process Overview **Economic Contract Economic Commitment** Economic Resource Type Economic Resource Business Process Detail **Economic Commitment** Economic Agent Type □ catalogue-requested ✓ offered agent-type-identified resource-type-identified available □ planning proposed proposed □ catalogue-received identification accepted ✓ specified specified role=buyer exchange USD=1.0 reserved proper name=Dai quotation-requested \Box contract-complete □ commitment-complete □ commitment-complete negotiation □ exchanged resource type=cryptocurrency buyer party=Party200 ■ quotation-received item=RedSportBike contract=Contract2 contract date=2020-07-01 planned date=2020-07-15 planned allocation=Dai2 from=Party200 □ post-actualization cost=4000 planned quantity=5 planned date=2020-07-10 resource type=Dai ☐ counter-order-received planned delivery=PlanDel2 receiver party=Party200 planned receiver amount=4000 planned payment=PlanPay2 sender party=Party100 planned VAT/MOMS=1000 ✓ order-accepted sale type=wholesale □ paid seller party=Party100 VAT/MOMS=1000 I □ despatched ☐ goods-received □ abandoned ☐ completed



PC102 PC103 PC104 RedsportBike Seller TaxAuthority Processi	Contracti
Economic Resource Econom	v Economic Contract
🗵 available 🗵 available 🗵 available 🗵 resource-type-identified 🗵 agent-type-identified 🗵 agent-type-identified 🗵 catalogue-requested 🖫 planning	☑ offered
☑ reserved ☑ reserved price currency=Dai role=seller role=Tax Authority ☒ catalogue-received ☒ identification	
□ exchanged □ exchanged □ exchanged suggested price=800 suggested VAT/MOMS=200 ☑ quotation-requested ☑ negotiation	🗵 contract-complete
actual price~4000 actual price~4000 actual price~4000 actual price~4000 actual price~4000	actual delivery=Dell
actual VAT/MOMS~1000 actual VAT/MOMS~1000 actual VAT/MOMS~1000 owner=Party100 own	actual payment=Pay1
owner-rarty100 owne	buyer party=Party200 :: contract date=2020-06-01
type=RedSportBike type=RedSportBike type=RedSportBike type=RedSportBike	cost=12000
. I paid	currency=Dai planned delivery=PlanDel1
☑ despatched	planned payment=PlanPay1
☑ goods-received	sale type=wholesale
□ abandoned	: seller party=Party100 :VAT/MOMS=3000
Z completed	:wallet balance=0
	wallet currency=Dai

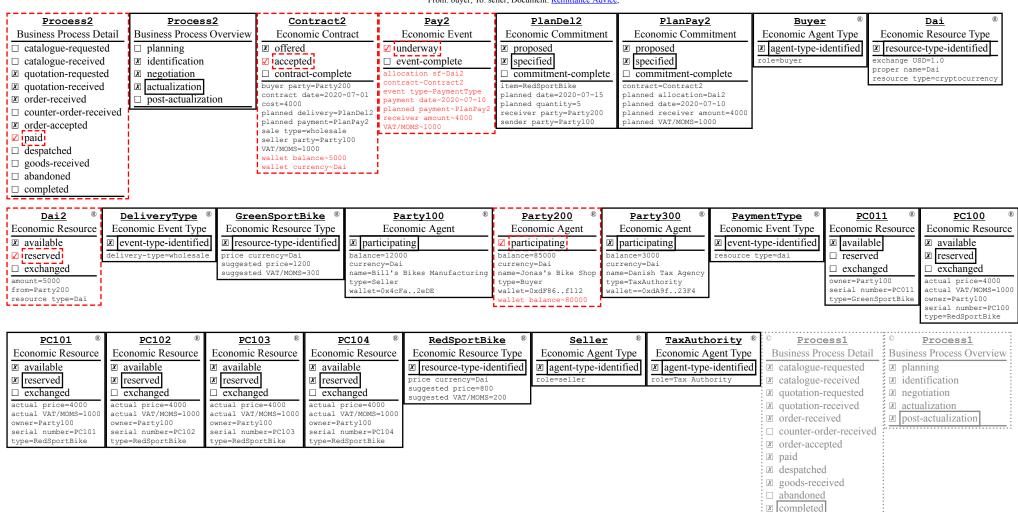
:	© <u>Dell</u>	© <u>Pay1</u>	© <u>PlanDel1</u>	© <u>PlanPay1</u>	© <u>Dai1</u>	© <u>PC001</u>	© <u>PC002</u>	© <u>PC003</u>	© <u>PC004</u>
:	Economic Event	Economic Event	Economic Commitment	Economic Commitment	Economic Resource	Economic Resource	Economic Resource	Economic Resource	Economic Resource
:	underway underway	🗷 underway	🗷 proposed	🗵 proposed	🗷 available	🗷 available	🗷 available	🗷 available	🗷 available
:		event-complete			▼ reserved ▼ reserved	reserved reserved	🗷 reserved	🗷 reserved	🗷 reserved
		allocation sf=Dail	commitment-complete	☑ commitment-complete	exchanged	exchanged			
	actual quantity=10	contract=Contract1	item=GreenSportBike	contract=Contract1	amount=15000	actual price=1200	actual price=1200	actual price=1200	actual price=1200
		event type=PaymentType	: planned date=2020-06-15	planned allocation=Dail	from=Party200	actual VAT/MOMS=300	actual VAT/MOMS=300	actual VAT/MOMS=300	actual VAT/MOMS=300:
		payment date=2020-06-10	planned quantity=10	planned date=2020-06-10	resource type=Dai	: delivery=Del1	delivery=Del1	delivery=Del1	delivery=Del1
	planned delivery=PlanDel1	planned payment=PlanPay1 receiver amount=12000	: receiver party=Party200	planned receiver amount=12000	to1-amount=12000	owner=Party200	owner=Party200	owner=Party200	owner=Party200 :
	receiver party=Party200	VAT/MOMS=3000	sender party=Party100	planned VAT/MOMS=3000	tol-party=Party100	serial number=PC001	serial number=PC002	serial number=PC003	serial number=PC004
:	sender party=Party100	VAI/MOMS-SUUU	***************************************	······	to2-amount=3000	type=GreenSportBike	type=GreenSportBike	type=GreenSportBike	type=GreenSportBike:
					· to2=narty=Party300	,		• • • • • • • • • • • • • • • • • • • •	

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Economic Resource	Economic Resource	Economic Resource	Economic Resource	Economic Resource	Economic Resource
🗷 available	🗷 available	🗷 available	🗷 available	🗷 available	🗷 available
: 🗷 reserved		🗵 reserved		🗵 reserved	▼ reserved
exchanged					
actual price=1200	actual price=1200	actual price=1200	actual price=1200	actual price=1200	actual price=1200
actual VAT/MOMS=300	actual VAT/MOMS=300	actual VAT/MOMS=300	actual VAT/MOMS=300	actual VAT/MOMS=300	actual VAT/MOMS=300
:delivery=Dell	delivery=Del1	delivery=Del1	delivery=Del1	delivery=Del1	delivery=Dell
owner=Party200	owner=Party200	owner=Party200	owner=Party200	owner=Party200	owner=Party200
:serial number=PC005	serial number=PC006	serial number=PC007	serial number=PC008	serial number=PC009	serial number=PC010
type=GreenSportBike	type=GreenSportBike	type=GreenSportBike	type=GreenSportBike	type=GreenSportBike	type=GreenSportBike

Business Event #22: Buyer: Okay, here is the payment

Stimuli: Track business process descriptions (remittance-advice); Payment (initiate-event); Payment to be made (reserve); Payment added to contract wallet (modify-contract); Payment removed from buyer's wallet (modify-agent)

From: buyer; To: seller; Document: Remittance Advice;



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Economic Contract	Economic Event	Economic Event	Economic Commitment	Economic Commitment	Economic Resource	Economic Resource	Economic Resource	Economic Resource
▼ offered	🗵 underway	underway underway	🗵 proposed	🗵 proposed	■ available	available availab	🗷 available	🗷 available
accepted accepted	🗵 event-complete	🗷 event-complete	specified specified		▼ reserved ▼ reserved		🗷 <u>reserved</u>	🗷 <u>reserved</u>
☑ contract-complete	actual date=2020-06-10		commitment-complete	commitment-complete	exchanged	exchanged		
actual delivery=Dell actual payment=Pay1 buyer party=Party200 contract date=2020-06-01 cost=12000 currency=Dai planned delivery=PlanDell planned payment=PlanPay1 sale type=wholesale seller party=Party100 VAT/MOMS=3000 wallet balance=0 wallet currency=Dai		event type=PaymentType payment date=2020-06-10 planned payment=PlanPay1	item=GreenSportBike planned date=2020-06-15 planned quantity=10 receiver party=Party200 sender party=Party100	planned allocation=Dail planned date=2020-06-10 planned receiver amount=12000 planned VAT/MOMS=3000	from=Party200 resource type=Dai tol-amount=12000 tol-party=Party100	actual price=1200 actual VAT/MOMS=300 delivery=Del1 owner=Party200 serial number=PC001 type=GreenSportBike	actual price=1200 actual VAT/MOMS=300 delivery=Del1 owner=Party200 serial number=PC002 type=GreenSportBike	actual price=1200 actual VAT/MOMS=300 delivery=Del1 owner=Party200 serial number=PC003 type=GreenSportBike

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Economic Resource	Economic Resource	Economic Resource	Economic Resource	Economic Resource	Economic Resource	Economic Resource
available availab	x available	🗷 available	▼ available	🗷 available	🗷 available	🗷 available
reserved :	x reserved	reserved reserved			reserved_	
exchanged	exchanged	exchanged	exchanged	exchanged	exchanged	
	actual price=1200	actual price=1200	actual price=1200	actual price=1200	actual price=1200	actual price=1200
	actual VAT/MOMS=300 delivery=Del1	actual VAT/MOMS=300 delivery=Del1	actual VAT/MOMS=300 delivery=Del1	actual VAT/MOMS=300 delivery=Del1	actual VAT/MOMS=300 delivery=Del1	actual VAT/MOMS=300 : delivery=Del1
	owner=Party200	owner=Party200	owner=Party200	owner=Party200	owner=Party200	owner=Party200
serial number=PC004	serial number=PC005	serial number=PC006	serial number=PC007	serial number=PC008	serial number=PC009	serial number=PC010
type=GreenSportBike	type=GreenSportBike	type=GreenSportBike	type=GreenSportBike	type=GreenSportBike	type=GreenSportBike	type=GreenSportBike