Confidential A presentation of Group 'Achmea 2' Version 1.0

# Achmea Underwriting Workflow Automation



## The Team



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## Agenda

- 1. Executive Summary
- 2. Project Overview

Corporate Strategy

Business Drivers + IT Strategic Goals

**Economic Impact** 

1. Proposed vs. Actual Implementation

Project Roadmap

Stakeholder Analysis

Risk Analysis

Key Performance Indicators (KPIs)

Agile Development

User Acceptance

Release Plan

1. Key takeaways

UT Team's Perspective

Achmea Team's Perspective

2. Conclusion



## **Executive Summary**

#### 1. SITUATION (2018):

Un-uniform Underwriting Workflow

260

300+

sub-workflows

underwriters





Interpolis.

#### 2. COMPLICATION:

Stakeholder Mgmt., Risk Analysis



#### 3. QUESTION:

Business Drivers + IT Goals, User Acceptance



#### 4. ANSWER:

Pega, Agile, Release Plan, KPIs



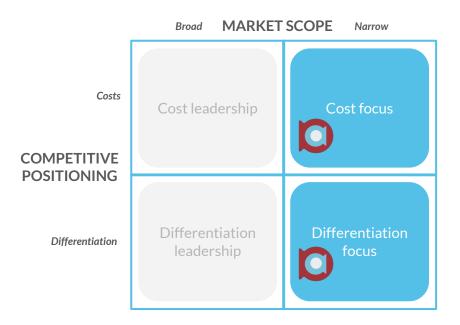


133%

5-year ROI



## **Corporate Strategy**



We will invest in markets only where we can realize economies of scale ,,



## **Corporate Strategy**

Exhibit 3: Benefits of BPM in Underwriting				
Benefit	Impact	BPM Helps Insurers		
Decreased operating expense	Bottom line	<ul> <li>Achieve rule-driven decision-making and straight-through processing</li> <li>Support consistency and better performance metrics (business activity monitoring)</li> <li>Enhance business user experiences leading to better productivity and job satisfaction</li> <li>Improve compliance to regulations</li> </ul>		
Decreased IT expense	Bottom line	Build configurable underwriting systems to lower maintenance and support costs		
Increased premium income	Top line	<ul> <li>Enhance ability to issue policies, leading to enhanced customer and agent experiences</li> </ul>		

Support Achmea's "cost focus" and "differentiation focus"



## **Key Business Drivers**

Employee/ Internal objective: Automation of daily activities & employee upskilling

4 Financial objective: Productivity gains & lower loss burden (better risk analysis)

3 Product/ service objective:: Workflow optimization

1 Customer objective: Increasing customer satisfaction



## IT Strategic Objectives





## **Economic Impact**

→ Gains on all organizational levels

and: 
$$5 \ year \ ROI = \frac{Gains - Costs}{Costs} \approx 133\%$$
 (from 2021 - 2025)



	Implementation phase 1				Implementation phase 2		
1		'18-'20	'21	'22	'23	'24	'25
n	nilj. €						
	2					Better risk assessment	Better risk assessmen
	1,5			3			
	1			- Productivity gains	Productivity gains	Productivity gains	Productivity gains
	0,5		Productivity gains	Productivity gains			
	-0,5	unknown costs	Development costs	Development costs	Training costs		
	-1			Training costs			
- 7	-1,5						



## Proposed vs. Actual Implementation



#### **Proposed Implementation**

By UT team based on the understanding of the project (interview #1) & literature review



#### **Actual Implementation**

By Achmea team (interview #2)



## **Proposed Project Roadmap**

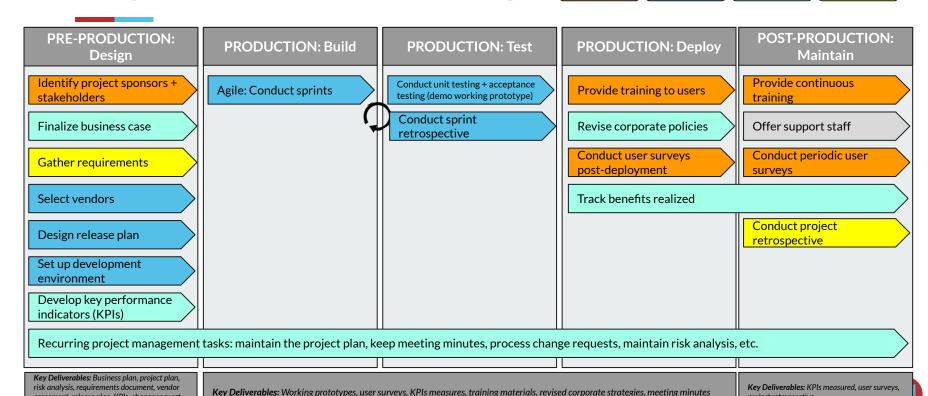
agreement, release plan, KPIs, change request

tracker, meeting minutes

Implementation challenges:

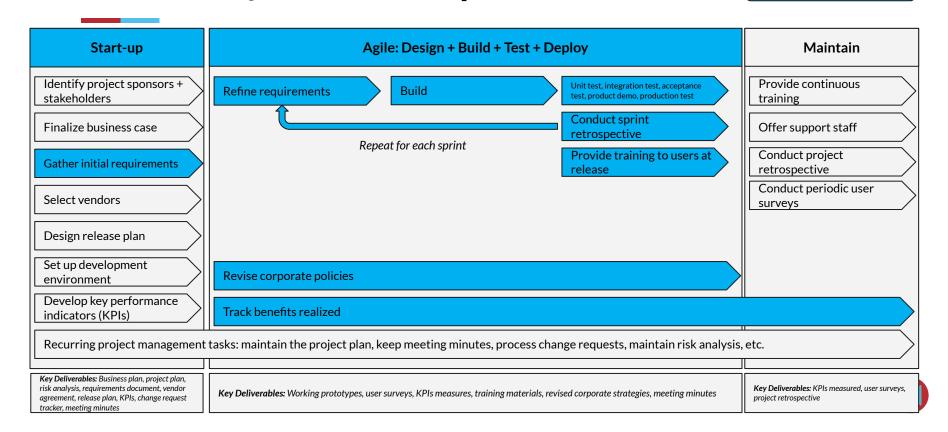
human technical organizational mixed

project retrospective



## **Actual Project Roadmap**

Items that differ between the proposed & actual project roadmap



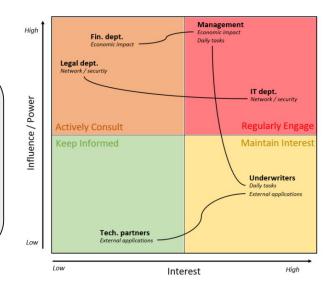
## **Stakeholder Analysis**

#### **Similarities**

- Stakeholders identified + interest/ influence level
- Main takeaways:
  - 1. Involving underwriters early
  - 2. Aligning IT and legal
  - 3. Paying attention to technological partners

#### **Differences**

 Select several key underwriters as pilot test users



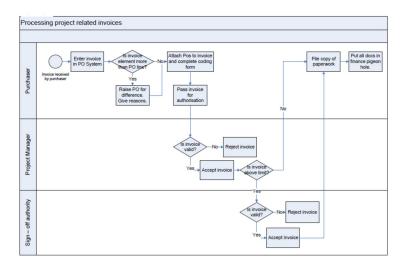


## **Risk Analysis**

#	Risk	Stakeholders	Impact	Likelihood	Risk Score
	Human				
1	Lack of user acceptance & Internal commitment	Underwriters + Internal stakeholders	Major	Likely	16
2	Employee turnover	Project team	Moderate	Likely	12
3	Lack of training	Underwriters + Project team	Moderate	Possible	9
100	Technical				
1	Integration issues IT infrastructure	IT department + Project team	Major	Likely	16
2	Requirements inflation	Project team	Minor	Likely	8
3	Dependency on external developers	IT department	Major	Unlikely	8
	Organisational				
1	Lack of resources & Experienced staff	Project team + IT department	Severe	Possible	15
2	Schedule flaws; project overrun	Underwriters + Project team	Moderate	Likely	12
3	Organisational politics	Management	Major	Possible	12



## **Requirements Gathering**





#### What Are Requirements?

Detailed description of client needs Business vs. Software vs. Functional requirements



#### Why Gather Requirements?

Baseline of the development Avoid rework at later development stages

Achmea team spent 1 year on mapping out the base workflow



#### **How Gather Requirements?**

Conduct workshops with key users As-is vs. To-be process flow Requirements validation



## **Key Performance Indicators (KPIs)**

Growth

Costs



## **Key Performance Indicators (KPIs)**

Growth KPIs	High	Medium	Low	Zero
New sources of revenue			Х	
Additional sales or customers		X		
Increased customer loyalty		X		
Competitive advantages	Х			



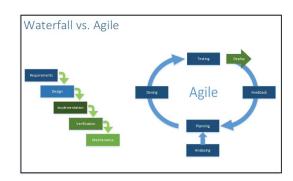
## **Key Performance Indicators (KPIs)**

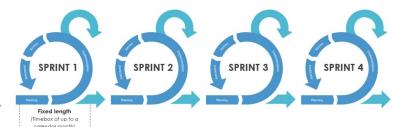
Cost KPIs	High	Medium	Low	Zero
Reduced operating costs	Х			
Loss burden	Х			
Margin of error		X		



## **Agile Development**

- Agile enables flexible development with continuous feedback from underwriter pilot test users
- Achmea developed the application in user stories in sprints with extensive testing procedures:
  - Unit testing,
  - Integration testing,
  - Acceptance testing,
  - o Product demo,
  - Production testing (on weekends or weekday evenings)







## **User Acceptance**



Product
Demo
Receive feedback



Survey
Before, during and
after
implementation



Meeting
Introduce the new
workflow system
to the
underwriters

**Town Hall** 



Training
Train
underwriters in
the new
workflow system

#### new



E-learning
Educate, inform
underwriters



### Release Plan

#### **Training & Policy Revision**

Shown in 'User Acceptance' techniques

#### **Release Plan**

#### **Division Implementation**

and product demo's with different labels ("road show" style)

#### **Department Implementation**

Chose business insurance

department and **fire** insurance for the first release due to product simplicity

#### **KPI Tracking**

Agreed with the proposed growth/ cost KPI and the importance of tracking these KPIs



## **Key Takeaways: UT Team's Perspective**

- 1. An IT implementation project goes well beyond the introduction of the technology itself. Rather, it heavily relies on human factors such as stakeholder management, risk analysis, and user acceptance for success
- 2. While it's important to research theoretical models and use them as a foundation for the implementation process, the team must operationalize these theoretical models to suit the specific circumstances of the project. An example is how the UTAUT model was translated to key user acceptance techniques in this project
- 3. An IT project can benefit from a clear vision and project roadmap to ensure all moving parts are taken into account and the team is staying on track

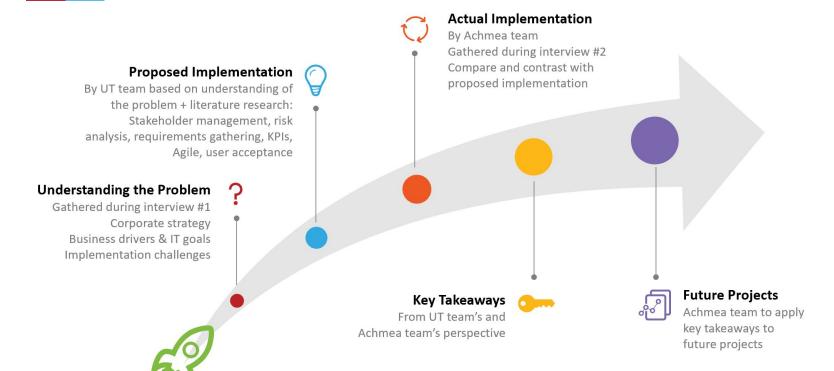


## **Key Takeaways: Achmea Team's Perspective**

- 1. Time and effort invested in stakeholder analysis and requirements gathering pay off. As Achmea team shared, the project was off to a slow start when the team spent almost a year identifying key stakeholders and building a base workflow based on their input. But once this initial phase of work was finished, the development team is now more positioned to build the workflow that is useful and usable for the underwriters
- 2. A comprehensive risk analysis is essential in ensuring project success. For more impactful risks, actions need to be taken early. For example, Achmea team was proactive in identifying and resolving integration issues which in turn reduce integration issues in later development stages
- 3. Following the Agile methodology gives the team the flexibility to continuously collect feedback from the underwriters and refine the requirements as the project progresses. Additionally, Achmea's current testing procedures play a key role in ensuring the quality of the application and should be used in future projects



## **Conclusion - kristen**





## Thank you.

