



Impact Capital
for Development

MIGRANT INSURANCE AND PENSION:

GAZING THROUGH THE FUTURE

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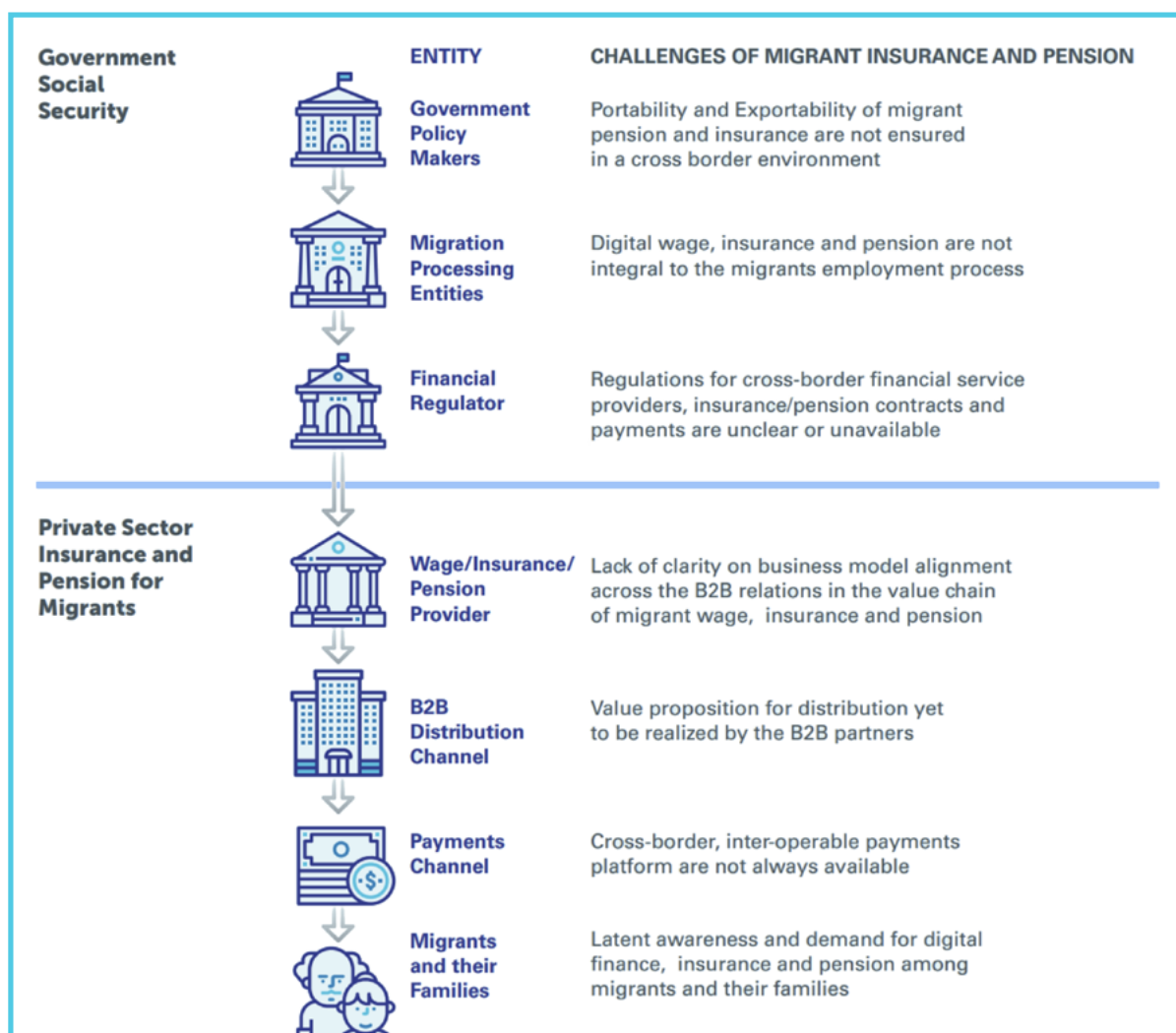
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Introduction

Financial resilience remains an unmet need of 281 million migrants across the globe, as noted in [Scaling the Next Frontier in Migrant Money: The case for insurance and pensions](#), despite being enshrined in several multilateral recommendations, conventions and the Sustainable Development Goals. The potential has only been partially explored through public and private sector initiatives, as noted in [Migrant Financial Resilience: Where are we in Preparing the Building Blocks?](#) While conservative legislations tied to territorial boundaries have restricted the scale of public sector initiatives, the private sector initiatives are found wanting in business model alignment across the insurance and pension value chains that could

lead to scalable eco-systems. Lack of clarity in product design, distribution, and/or business strategies have also contributed to limited commercial viability and outreach of such schemes (See Figure 1).

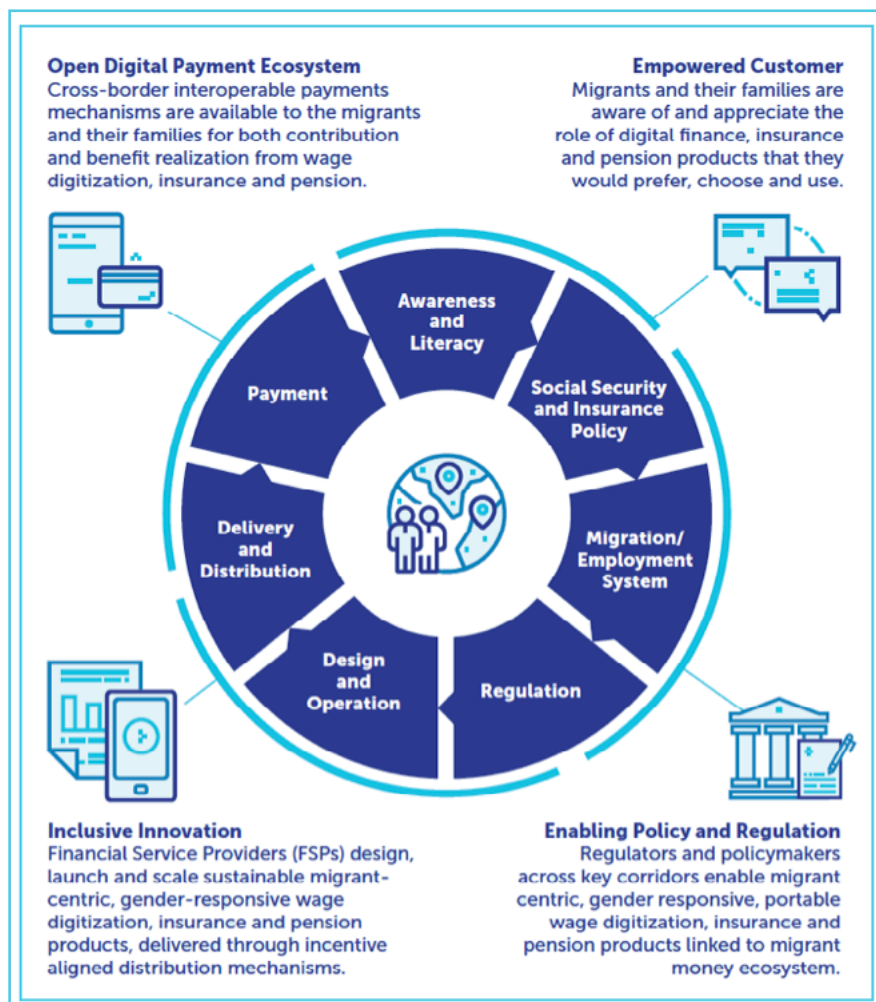
Figure 1 Gaps in the value chain currently preventing access to insurance and pensions



It is also important to note that even when insurance and pension products (public or private sector schemes) exist, they mainly cover migrant workers in formal employment, leaving migrants working in the informal economy or the unorganized sector largely unprotected[3]. Although it is difficult to assess the actual number of migrants employed in the informal and unorganized sectors, the literature suggests that more than 50 million migrants globally have irregular employment status[4]. Informal and irregular employment is specifically prevalent among women migrants, who represent 48 percent of all international migrants [5]. An accurate estimate of these migrants would increase the proportion of migrants devoid of insurance or pension support, whether in the country of origin or destination.

Notwithstanding such systemic challenges, the insurance and pension ecosystems may deliver migrant-centric and gender-responsive services to the migrants in a scalable and commercially viable manner. This note explores the possibilities of leveraging the potential of migrant insurance and pensions that can contribute to their comprehensive financial resilience. In preparation for this paper, UNCDF has consulted over 50 key stakeholders (See Annexure I) across the insurance and pension ecosystem to reflect their collective perspective on charting a possible pathway that may create an ecosystem of insurance and pension for the migrant community (See Figure 2). UNCDF believes that this can only be achieved through innovations in business models and by aligning the interests of stakeholders in the insurance and pension value chain.

Figure 2. Ideal ecosystem for migrant insurance and pensions.



There are some good examples on which to build, and much experience in terms of expanding insurance and pensions to the low-income segment or to the segment working in the informal sector in their home country. But as Figure 1 shows, to deliver broader coverage of insurance and pensions, there are many points in the value chain that need to be fixed. The approach set out in this note aims to deliver the changes needed – in partnership with governments, international organizations, existing and new providers, the remittance industry and, of course, the migrants themselves.

A key contribution to developing the right program to support better pensions and insurance for migrant workers is to take the best lessons from pension and insurance policies for all people in a country. Whilst migrant workers bring specific additional challenges, they share very many of the challenges of workers who never leave a country in terms of securing decent insurance and pension coverage. The toolkit to meet these needs includes a range of public and private provisions, contributory and non-contributory schemes and mandatory, automatic enrolment and voluntary approaches.

The rest of this note sets out how this ambitious agenda may be taken forward. It breaks down the proposed actions into four main areas that need to be combined to create migrant-centric and gender-responsive services for the migrants in a scalable and commercially viable manner.

The four parts of the ideal eco-system are:

1. Enabling policy and regulatory environment at national and international level;
2. Development of inclusive and innovative business models around the design, distribution and delivery of products and services.

3. Improving cross-border open digital payment systems.

4. Empowering customers to boost their engagement and ensure that the migrants receive high quality products that are in their best interests and are ensure consumer protection.

The aim is then an eco-system as set out in Figure 2.

1. Enabling Policy and Regulation

Well-designed legislations, regulations and supervision are at the core of migrant insurance and pension systems. There is also a scope for a mix of different types of provision – private and public – if society and its people are to have the best chance of having a decent old age pension and insurance to cover the inevitable shocks to life and health that may occur. Governments, either unilaterally or through bilateral or multilateral agreements, may introduce country- or corridor-specific insurance/pension policies for migrants and their families, which then become integral to the formal migrant process from or to that country. In addition to ratifying the social security conventions and creating a right-based policy paradigm for portable social security, governments may also incentivize global cross-border operationalization of insurance and pensions through enabling regulations around payments for premiums/contributions and claims and allowing insurance/pension players to operate across borders to target migrant populations. Such initiatives will not only contribute to financial resilience and comprehensive financial inclusion of migrants but will also help the governments boost their economy through insurance and pension penetration, institutional learning from international best practices

in the domain, and increased attractiveness as a migrant-friendly economy.

Regulatory and legislative provision for complimentary insurance and pension, beyond the existing social security systems for migrants, is key to comprehensive financial resilience for migrants.

The international conventions, treaties and bilateral agreements ensuring access to social security for migrant workers are essential pillars of the migrant financial resilience eco-system. However, a very low social security coverage for migrants is a testimony to the scope for complementary market-based contributory (partially or full) insurance and pension products. The range of regulatory and legislative provisions for such a market-based system may include permission for cross-border operationalization of voluntary or mandatory insurance and pension, portability of such schemes, government mandates for migrant insurance, as well as flexibility and clarity for the market-based players to incentivize innovation in migrant insurance and pension.

Mandatory or automatic inclusion of migrants in insurance and pension programmes may have a powerful impact on expanding the coverage.

Intrinsic inability to assess personal risks and associated behavioural biases makes insurance and pension purchase decisions one of the most complex of all financial decisions.¹ Mandatory provisions or auto-enrolment (in the case of pensions), therefore, work as effective nudges to ensure significant insurance or pension coverage. In the United Kingdom (UK) for example, in addition to the mandatory contribution to the national social security,

¹ Kunreuther Howard, Pauly Mark and McMorow Stacey; Insurance and Behavioral Economics- Improving Decisions in the Most Misunderstood Industry; Cambridge Publication; 2013

a migrant worker is automatically enrolled into an employer co-contributory private pension plan. The auto-enrolment and the “opt-out” option (instead of an “opt-in” scheme) effectively result in a higher number of migrants being covered. In some of the Emirates of UAE (e.g., Abu Dhabi and Dubai), migrant workers, as well as their employers, are mandated to enroll in compulsory health insurance or Defined Contribution (DC) pension products, although migrant workers are not eligible to join the national social security arrangement available for citizens. Similar mandates are also available in some home country legislations, e.g., Bangladesh, India, Sri Lanka and The Philippines, see [Migrant Financial Resilience: Where are we in Preparing the Building Blocks?](#). Although the extent of the coverage of migrants in these schemes is often affected by limited compliance by the employers, ineffective supervision, design challenges, lack of awareness amongst the migrants and inherent rules on eligibility in relation to income and length of employment contract, these schemes definitely help overcome the challenge of poor uptake of the purely voluntary schemes. Policies by the governments in home and host countries to support such mandatory provision may contribute to creating the ideal eco-system mentioned in Figure 2.

Regulation must allow for cross-border contribution to national pension and/or insurance schemes by the migrants

Allowing migrant workers to continue contributing to their home countries’ national social security, private pension and/or insurance scheme is a critical regulatory solution towards the cause of migrant financial resilience. This requires the migrants to be enrolled in their home country’s social security, insurance, or pension system to start with. Hence migrants from countries with poor social security, insurance, or pension ecosystem will have limited scope to leverage such

regulation. Given that unorganized sector workers are generally beyond the purview of national pension systems, such a system will also be limited in providing options to migrants working in the informal or unorganized sector. But, as examples in India, Turkey and Mexico show, if the ministries, regulators and central Banks collaborate, they can fix the 'plumbing' of the financial system to allow a worker to continue to contribute across borders. The importance of these cross-border payments will also be highlighted in the section below on a modern digital remittance infrastructure.

Cross-border portability of benefits of migrant insurance and pension must be a priority in the design of the solutions

In 2013, less than ¼th of the migrants were subject to BLAs that allowed for portability, thus excluding most migrants from cross-border benefit arrangements [1]. This was especially true for low-income countries where only 2.8 percent of migrants had access to portable social security. And although exportable[2] social security is available to 53.2 percent of migrants globally, its access is limited to migrants within the territorial boundaries of each region legislating for such a change. This hampers the continuity of schemes from one country to the next.

Second, many destination countries do not ensure equal treatment between nationals and non-nationals due to the migrants' status or nationality, or the insufficient duration of their period of employment and residence.

Cross-border portability issues are specifically relevant for migrant pension products since the period of insurance for health, accident and repatriation generally coincide with the period of migration. Since pensions have a long-term savings component, the benefits realization remains restricted in the absence of portability, especially in the regime of Defined Contribution (DC) pensions.

Portability of migrant pensions (and insurance) may be ensured in one of the following three ways:

1. Change the benefit design of the migrant insurance and pension to become portable even without BLAs. This could be achieved through technological and business innovation in interoperable cross-border payment mechanisms for contributions and benefit realization.
2. Establish portability across major migrant corridors through policy advocacy (BLAs).
3. Use multinational private-sector pension players who can subvert the need for BLAs through the global presence of their customers and business units.

Insurance and pension may be made an integral part of the migrant employment process

Legal migration is mostly integrated into a comprehensive system of recruitment agencies, employers, and migrant registration companies. Employment, even in the unorganized sector, is accounted for through these entities due to their proximity and systemic understanding of the migrants' life and livelihood. Therefore, if insurance and pension were to become an integral part of the employment and migration process, these entities could play a significant role in streamlining the enrolment, payment, and processing formalities through employment contracts and migration documentation that they execute. And there could be benefits for these entities in the process as well. Such engagement may create a competitive value proposition for both the migrants in the countries of origin and the employers in the destination countries; their participation and promotion of migrant social security will positively impact their ESG profile. However, it is important to

ensure that only reputable employment agencies are part of such a solution.

Data-driven decision-making and regulatory flexibility will ensure the inclusion of seasonal, unorganized sectors and low-skilled migrants

The central banks and migrant welfare ministries in the countries of origin may facilitate the collection of transaction-level remittance data at the national level and allow the insurer and pension providers in the country to underwrite policies for this population with flexible KYC norms. This is an area where getting clear identification for migrants is as important for the social security agency as for the providers of pensions and insurance more generally. Ensuring accurate identification could leverage the migration process itself since the recruitment and the process of migration officially require significant documentation. However, it is important to work closely with the migrants in this process since trust and confidence in financial services providers, especially in the host countries, is often low.

Regulators may provide clarity to facilitate cross-border operationalization of migrant insurance and pension services

To create a conducive ecosystem for migrant insurance and pensions, the regulators, especially financial regulators in the origin/destination economies, need to reduce the entry and operational barriers to the cross-border operation of such services. As well as assist the existing private migrant initiatives with regulatory clarity and support for scale-up.

Since both insurance and pensions deal with high financial risk and long-term commitments, regulators are often cautious about allowing cross-border documentation, contracting, and transactions in this domain. This has two

possible effects:

1. It severely limits the role of Remittance Service Providers (RSPs) and other cross-border entities in processing insurance and pension contracts.
2. It may also restrict the transactional relationships of financial service providers with their cross-border counterparts (in origin or destination countries).

Additionally, regulators often impose higher entry barriers for cross-border service providers, which further decelerate the growth and scope of service coverage for migrants[6] and make it difficult for insurance and pension products for migrants to reach scale.

To ensure a fully functional ecosystem for migrant insurance and pensions, the following features must be addressed:

- Facilitate operational, contractual, and coordination guidelines for cross-border service providers.
- Ease cross-border payments of premiums/contributions and claims.
- Simplify regulatory approval of RSPs, MNOs, and other parties involved in delivering migrant services.
- With the above features correctly aligned, user security issues like consumer protection, data privacy, and Anti-Money Laundering/Combating Financing of Terrorism (AML/CFT), must be focused on to create conduits for safe and secure insurance and pension services for migrants

The taxation regime on pensions needs to be advantageous to the migrants

Significant issues concerning the tax treatment of pensions can make transfers difficult. Many countries provide tax advantages to incentivize pension contributions, typically with a policy

objective to ensure that the person will have a decent income in old age and not be a fiscal burden. But if the person then moves to another country, some countries (e.g., New Zealand) claw back the tax relief. The most common tax relief is on contributions and investment gains, while pensions are considered taxable, i.e., taxed as labour income. This is known as EET treatment (E for exempt and T for taxed). Another standard method is TEE, where contributions come from taxed income, but investment gains and the final pension are not taxed. This can create an issue if the migrant pays tax in the host country under a TEE regime and returns to their home country with an EET system and ends up paying taxes twice – first on contributions and then on pension income. Although double taxation agreements between countries can fix this problem from the migrants' perspective, it would leave the governments with less than what they would ideally desire. For instance, destination countries with large numbers of temporary migrants would prefer the TEE regime to tax the labour income of migrant workers. But that would mean shutting themselves off from the future pension income of migrants[7].

2. Inclusive Innovation

Leveraging the digital finance ecosystem, migrant-centricity and gender responsiveness are key to building sustainable and scalable business models for migrant insurance and pensions.

Modern pension and insurance market systems are constantly being impacted by a wave of technological innovation and the realignment of business value chains. While the traditional channels and processes are giving way to new business models, this is also opening new possibilities to bring the benefits of insurance and pensions to people previously excluded. The low-

income population, women, and migrants who remained a blind spot for these industries, can now interact with the financial services industry in their home and host country digitally.

In either a government-mandated co-contributory plan or in voluntary migrant insurance or pensions, such digitization and digitalization may reduce costs, improve service and ensure a long-term relationship between the provider and the migrants. It can also ensure greater scale and a simplified market, which the governments may also leverage to provide mature products through competitive participation of the private sector.

In the case of voluntary migrant insurance and pensions, the design of the product includes not only its essential features but also the business model it supports. Remittance-linked financial services mainly adopt one of the following three models:

- **Cross-selling models:** These are remittance-linked financial products and services for migrants and their families facilitated through the platform used to either send or receive remittances. For example, in the Comoros Islands, a federation of 27 village-level health mutuals offered a mutual health insurance scheme for migrants' families, to which migrants (mostly in France) could contribute premiums partially using a cross-border internet-based payment platform[8]. The plan, however, witnessed a high drop-out rate due to affordability and awareness issues.
- **Streamlining models:** Migrants (and their families) subscribe to remittance-linked insurance or pension products voluntarily and conveniently through a remittance platform/channel. For example, Banco Adopem of the Dominican Republic offered a platform

to migrants through which they could allocate remittances to savings, loan repayments, or health insurance.

- **Incentive-based model:** The RSP and the insurer incentivize migrants (and their families) to take up the insurance/pension product. The AXA experience with migrant insurance is based on this model, as noted in [Migrant Financial Resilience: Where are we in Preparing the Building Blocks?](#)

Incentive alignment across the ecosystem stakeholders needed to explore the potential of migrant insurance and pensions

The value proposition for the insurance and pension providers in migrant insurance and pension is still ambiguous. To establish a successful business model, one must begin with a clear understanding of the ecosystem stakeholders' aspirations and business value propositions. Stakeholders in migrant insurance and pension may include regulators, local ministries/policymakers, overseas employers, recruitment agencies, insurers and their business-to-business (B2B) partners, investment institutions, remittance-focused channels such as mobile network operators (MNOs and MTOs), fintechs, insurtechs, as well as the migrants and their families. International donors and multilaterals may also help ease business model constraints by reducing the entry barriers for cross-border financial services. Similarly, global insurers, pension funds and reinsurers may also leverage their cross-country relationships by creating international consortiums that can bypass the need for bilateral conventions. This may streamline the documentation, contract, and underwriting protocols across migrant corridors. Insurtechs and pensiontechs may help reduce the transaction and investment cost of designing and delivering insurance and pensions through data-based decision support systems, tech-

based risk assessments, and operational streamlining.

Delivery and distribution will need to leverage B2B and B2C partnerships

Successful deployment and coverage of insurance and pension policies are contingent on scalable and intuitive distribution channels linking to home or the host country. The migrant population is transient (spread across diverse sovereign territories) and are often unorganized. Therefore, the delivery of insurance and pension services to them would need to leverage and utilize the existing financial and non-financial channels that they use as part of their livelihood and money management functions. Rather than reinventing migrant insurance and pension distribution, concerned providers need to leverage the existing remittance and digital finance channels to deliver these products. The sustainability of such value chain will evolve based on the alignment between insurance/pension product distribution and the business priorities of these B2B partners and channels. Banks, microfinance institutions (MFIs), MTOs, MNOs, and digital wallet (mobile money) agents are usually closer to the last mile of this target population through their usual financial, remittance, and airtime usage products. Therefore, these B2B partners can significantly scale up migrant insurance and pension products if the migrant value proposition is well-integrated into their existing business model. There may be three different business motivations that can trigger their interest:

- **Loyalty:** Provision of migrant insurance and pensions to ensure stickiness of the target customers to their service portfolio. For example, MNOs (and recently mobile money operators) globally have experimented with the provision of a free or freemium model of insurance services to enhance the Average Revenue Per User (ARPU) and reduce the churn (attrition) rate, given

the high cost of client acquisition. The AXA model of migrant insurance is an example of similar experiments to incentivize migrants to remain attached to a fintech, money transfer operator (MTO) or a mobile money operator (MMO) through simple-to-underwrite insurance policies. Such loyalty schemes, however, are derivative in nature, where the business model may evolve with the growth of the underlying airtime, remittance or mobile money market. Insurance or pension services needing long-term commitments may cease to ensure benefit to the MTO, MNO or the mobile money provider for such a prolonged period.[9]

- **Alternative revenue source:** This necessitates the provision of insurance, pension, or other third-party financial products to generate an alternative revenue stream for the institution using its excess bandwidth. Bancassurance, for example, has become a key alternative revenue source for many banks focused on retail customers. Since the sales and services in such a model are aligned with the incentive and fee income of the institution, scale-up is usually rapid and substantial. However, the success of these cross-selling/streamlining models is dependent on the availability of bandwidth of the front-line staff, their sophistication in selling complex financial products such as insurance and pensions, and the simplicity of the product design. MTOs, MNOs, agents of mobile money providers, and MFIs may need simple products and quick off-the-shelf processes to enroll migrants in insurance and pension products, given their level of sales focus and since their regular operations are usually

low-value, high-pace, volume-based transactions.[10]

- **Competitive product advantage:** Here, a business-to-consumer (B2C) delivery partner combines insurance or pension products to distinguish itself from its competitors. Since there is limited scope for price or service differentiation in a highly competitive remittance market, bundling insurance and pensions may create a differentiable brand proposition for the RSPs/MTOs.

However, this is not as simple from a B2B partnership perspective. For instance, RSPs/telecom operators currently paying premiums for migrant insurance products would be less sure of their continued participation if the said products are unable to increase the migrants' loyalty to their platforms, provide significant alternate revenue, or provide them with a competitive advantage within the migrant population. Unless the distribution of migrant-focused insurance and pension products is truly aligned with the business priority and business processes of B2B distribution partners, the success and sustainability of such products will remain elusive. The ideal value chain in the domain may also necessitate alignment of the business objectives of the other value chain members, viz., reinsurers, global pension fund managers, fintechs, RSPs, MNOs, and banks.

The operationalization may require integration of efficient and cross-border processes

Beyond ensuring cross-border payment and portability, the activation of migrant insurance and pensions requires

Box 1: Probable Role of Fintechs in Migrant insurance and Pension

FinTech industry, as rapidly growing technology backbone to the financial services, may also have the potential to deliver major benefits for the way in which insurance and pensions are provided, especially to the migrants. They are numerous mechanisms deployed by the Fintechs, a combination of which may unlock the real potential.

- **Application Program Interface (API)** leading to integration of multiple technological platforms across the insurance and pension value chain may help streamline operations and real time transactions across borders for contribution and premium collection, linkage between RSPs-Banks-insurers-pension funds. This is an important backbone for aligning multiple eco-system players.
- **Artificial Intelligence (AI) and Machine Learning** may help in data-based decision making, especially in terms of identifying migrants and their insurance and pension needs, claim underwriting, claim assessment and settlement and pension monitoring.
- **Internet of Things** have the potential to link consumption spending to contributions for informal sector workers, in addition to monitoring of their health.
- **Big Data Analytics** is becoming increasingly important to assess and analyze policy level priorities in addition to providing insights on migrant behaviour and the nature of demand for insurance, pension and other linked financial services.
- **Distributed Ledger Technology (DLT)** is being explored across the globe in terms of creating cross border, secured data and transaction transfer logistics, necessary for cross border operationalization of migrant insurance and pension.
- **Biometrics** have been providing fundamental backbone for identity solutions across border, necessary to create a shared financial services stack.
- **Digital Money** is the form of mobile wallets as well as ubiquitous inter-operable bank accounts are essential entry points fueling access and usage of formal financial services, like insurance and pensions, in the eco-system of the low-income migrants, where cash is still predominant.
- **Cryptocurrencies** in addition to becoming popular across the new age enterprises, are being explored to ensure transactions and operationalization of cross border financial services, like migrant insurance and pension.

Source: FinTech, RegTech and SupTech: What They Mean for Financial Supervision, Denise Dias, 2017, Toronto Centre Note, Toronto, Canada.

cost-effective management of sales and enrolment, underwriting, funds, customer servicing, and claims & benefits – all activities that are conventionally operationalized only within one sovereign territory. Also, overseeing these services for a transient and moving customer segment will require innovations across processes, technology, and business techniques. In this regard, insurtechs have done well to manage these functions in limited private initiatives through data and technological breakthroughs. However, these entities also need support to scale up their operations to manage large-scale insurance and pension programmes. This work may include incorporating new technologies and approaches to delivering financial services. (See Box 1)

Focus on quick and effective claim settlement is a prerequisite in a developing insurance market

Behavioural economists suggest that Availability Heuristic is at the core of aversion to purchasing insurance, since we are unable to assess the present value of a future financial risk with very low probability, and hence depend on plausible available stories around the claim, trust and benefits.² Low-income migrants, for whom insurance is a new product category, will be attracted to such products only if they experience and hear stories of positive claim experiences in their communities. Industry experience also irrevocably proves that claims are the most pivotal milestones in a customer's insurance journey ensuring long-term satisfaction

² Decision-Making Biases in Insurance Purchasing; Rabihah Md.Sum1, Norhafiza Nordin; Journal of Advanced Research in Social and Behavioural Sciences; ISSN: 2462-1951; 2018

and retention.³ In an increasingly digitized insurance ecosystem, since insurers' customer interaction with the clients is becoming minimal, a positive claim experience has become more important to convey the benefits. To achieve scale, making insurance an intrinsic choice and ensuring insurance literacy, therefore, insurers must focus on quick and effective claim settlement processes in any new migrant insurance product. Although an aggressive claim regime may invite some moral hazard and losses in the migrant insurance portfolio, the outreach benefits and procedural learning in the long term will far overwhelm such initial hurdles.

Developing cross-border private pensions will need a migrant life cycle approach

There is a complicated patchwork of options that may impact migrants, especially in the case of pensions. These solutions are typically complex, long-term, and often require advice and solicitation – making their delivery to low-income and informal workforce, migrants/non-migrants, reasonably challenging. At this point, it would be useful to set out briefly how migrants may potentially gain pension coverage in addition to the social security schemes of their origin and destination countries. The main ways are:

- **Multinational companies with occupational pensions often have multiple plans, mixing a typically extensive plan in the country of their corporate headquarters with other plans in the countries in which they have significant operations.** Some workers may be globally mobile but remain in the head quarter-based pension scheme. Others may work for the company in only one location and hence be members of that national

plan, while some workers may have a mix of both. These local and global plans may vary widely depending on the national that impacts contribution rates, eligibility, and benefit type (e.g., restrictions on whether pensions are Defined Benefit schemes typically linked to years of work and salary levels or Defined Contribution schemes based on contributions from the employer and worker plus investment returns).

- **People transferring pensions at the point of retirement from either home or host country to amalgamate all their assets in the place of their final domicile.** The UK is a good example of a country that has a comprehensive but quite complex system of mutual recognition of private pension plans. The regime is known as 'Qualifying Registered Overseas Pensions' (QROPs). The tax authorities (HMRC) have a process by which foreign pension funds can register depending on certain qualifying features and a commitment to provide information regularly. If someone is trying to transfer their pension to a plan that is not a QROP, their UK pension provider may refuse to make the transfer, or the person may have to pay a 40 percent tax. Some countries may have hundreds of QROPs to which a UK member could transfer their pension (e.g., Australia), but others may have none or very few (e.g., Canada has seven (7) on the latest list)[12]. The onus is on the member to ensure they are making a correct transfer. Unfortunately, this is an area where reportedly there have been many scams and frauds in the past.
- **Conflicting rules in the host countries can profoundly impact whether a migrant will receive an occupational or work-based pension (over and above**

³ Leveraging Behavioural Science in Insurance: A Systematic Review; Anuradha Raghuram; University of Pennsylvania; 2019

any issues concerning entitlement for social security benefits). The UK and New Zealand, countries that attract a sizeable migrant population, have recently introduced reforms to 'auto-enroll' workers into pensions so that all employers have a duty to add workers to the pension plan and ensure contributions. However, migrants from the agriculture and tourism sector, where they may work only for a few months each year over several years, are completely out of the occupational pension schemes in these countries. Singapore, an important destination country for migrants, has a well-developed mandatory pension system domestically that includes additional contributions for health expenses. These examples help to show the current range of approaches and provide a way forward to strengthen migrants in their adoptive countries.

One 'solution' that a few countries provide to the issue of migrant pensions is to allow people who are leaving the country 'permanently' to access their pension assets before the average retirement access age, typically without a tax penalty. However, this may contribute to the lack of pension coverage if migrants ultimately return to their home country to retire but have already spent their stock of assets in their original pension plan. One simple solution would be to disallow such withdrawals as a lump sum unless they are minimal. Instead, only allow them to be transferred to another suitable pension product in the host country (although this can be complex and expensive). Additional option: Allow the pension to be accessed at the normal retirement age and then have arrangements for low-cost international payments if the person is genuinely still in their 'host' country for good. This would be beneficial for the home country since it would help maintain the stock of domestic assets in

the pension system that can be a source of domestic investment/finance for companies through the stock and bond markets.

3. Open Digital Payment Systems

Migrant insurance and pensions will need adequate, cost-effective, and interoperable cross-border payment channels to collect premiums and pension contributions across countries of origin and destination. La Positiva in Peru, for example, uses the Western Union payment channel for the payment of insurance premiums. However, similar pilots are rare globally due to both regulatory hurdles and the absence of integrated business models. Moreover, not many insurers, pension providers, or RSPs have innovated in such cross-border insurance/pension payment models to create demonstration effect for the ecosystem or scale.

Such payment channels may also need to integrate with cross-border identification and and electronic Know Your Customer (eKYC)-based authentication services since migrants may not be willing to enroll specifically or transact through a separate payment platform for insurance and pensions. MTOs are also in an enviable position to ensure these services since they are in the usual business of cross-border payments.

It is critical to ensure that the base price for these transfers continues to fall – and that the services developed to support insurance and pensions are ones that gain access to the 'SmaRT' pricing included in the data on Remittance Prices Worldwide. As shown in Figure 3, there has been a downward trend in remittance prices over the past ten years. Moreover, if one charts the rates obtained by a 'smart' consumer using digital transfers from lower-cost providers, the progress

is more remarkable. Given the costs of providing insurance and pensions, it will be critical since, as a rule of thumb, a 5 percent deduction from a contribution is equivalent to about 0.5 percent as an annual charge on assets under management in a pension. Adding 0.5 percent to yearly pension management charges in many countries would inflate an already high price point, thus adversely impacting its acceptance by migrants. But that is not the rule across all markets. Some countries have leveraged scale successfully to create simple, low-cost, and automatic or default options costing one-half or even one-third of products in the not so well-designed markets.

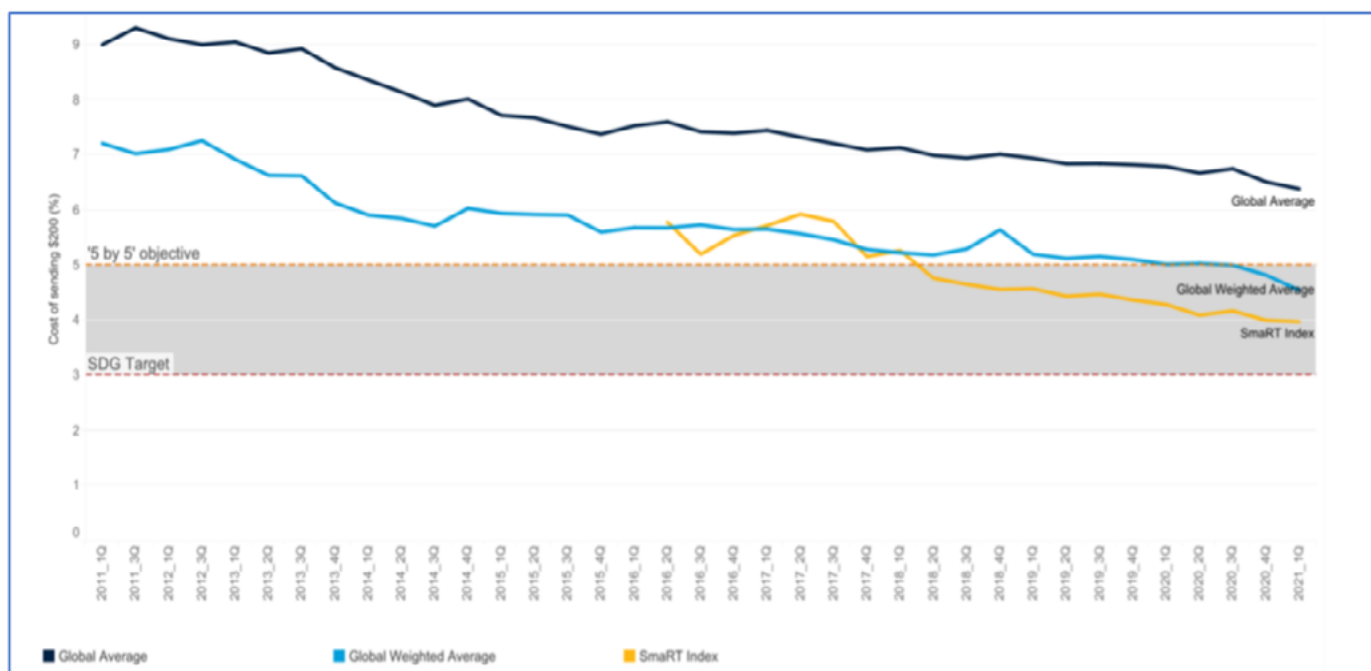
Open Digital Payment Systems will create the conduit for the smooth operation of migrant insurance and pension products

The Covid crisis has been devastating for many reasons, but it has highlighted to both Governments and to individuals the importance of a digital model for payments and the ability to send and receive money, including international

remittances. However, unless the changes brought in by the market players are not sustainable and user friendly, the migrants may revert to the old habits of informal or cash-based remittances. Two potential prospects of creating stickiness of the migrants to the digital channels are:

1. Access to formal finance in the host country must be made a ubiquitous experience for the migrants. It should be more normal to create bank accounts in the host country for the migrants even before they leave their home country. In a shared market infrastructure, platform for cross border identity documents will become pre-requisite in order to ensure that the migrants can access banking, payments and other financial products (e.g., insurance and pension) in the host country without hassle. Cross border, interoperable payment platforms (e.g., BUNA) may also be explored to ensure, not only smooth remittance movement but also payments regarding insurance premium, claim, pension contributions and benefits.

Figure 3: Trends in Global weighted average and SmaRT' average
Source: WBG RPW March 2021



2. There will be strong gains by embedding or bundling insurance and pension into the remittance value chain. Such provision will create stickiness of the migrants towards such services. While insurers and pension fund managers manage the underwriting, claim and asset management roles, remittance service providers (RSPs) may play a crucial role in the migrant insurance and pension value chain either as enablers or as distribution partners or both.

4. Empowering customers

Client awareness and literacy can help unlock latent demand for migrant insurance and pensions

Consumer protection is always a critical issue – and something that is just as important if not more so in a digital world. When cross-border payments can be made in seconds, the need for trust and safeguards for consumers is even more important.

There are three significant areas of concern:

1. First is the lack of familiarity with insurance and pension products amongst most migrants, especially low-income individuals from countries with limited exposure to such services.
2. Second, since insurance and pensions deal with intangible long-term benefits, demand for these products and customer preferences often remain latent and unrecognized by their potential beneficiaries.
3. And third, though private insurers and insurtechs have been trying to innovate with communication and insurance literacy campaigns to accelerate demand for these services

amongst migrants, migrant-centric insurance and pension products are still not widely available.

In summary, while future interventions in this sphere need to consider the challenges of insurance and pension literacy, it is equally crucial to ensure that all processes and products are designed to bridge the ‘acceptability’ gap between the service and its ultimate beneficiaries – the migrants and their families. In other words, the most important part of consumer protection comes from good design of a system so that it builds in protections. Therefore, the policy and regulatory angle is so important to the whole eco-system – allowing choices for members who want them but building in default or automatic pathways that build in good value and strong safeguards.

This process may also include leveraging well-regulated and governed providers in home and host markets rather than expecting consumers to navigate a complex mix of new providers and products.

A recent review of the evidence on education initiatives across financial services (including insurance and pensions) developed seven (7) key lessons which can be integrated into the program of work as we advance [11].

Empowering customers is key to unlocking the latent demand for insurance and pension amongst the migrant community

Another important aspect of migrant insurance and pension is the gendered approach required to specifically target and deliver services to the women migrants, who are often unorganized and work in fundamentally different sectors than their male counterparts. While the collection of sex-disaggregated data at

Box 2: Migrant diversity impacts the right insurance and pension approach

An important factor that will impact the nature of insurance and pension provision is the duration and regularity of migration as well as whether the move from the home country to the host country is temporary or permanent. For example, someone moving from one country to another to work one time for one month would technically be a migrant – but beyond a need for insurance cover for that period, there would be little need or business case to have government or private providers seek to collect, record, administer and invest pension contributions.

However, if that same person is an agricultural or tourist sector worker and they work 3 months a year as a migrant each year for 20 years, then that experience will form an important part of their potential contributions for pensions. Such patterns are common in countries that import agricultural or tourist labor for harvest or peak tourism seasons. The ILO definition of a migrant worker is an *“international migrant individual of working age and older either employed or unemployed in their current country of residence”*. Migrant workers are subset of international migrants - though many will be the family members of workers.

Similarly, there are groups of workers that plan to live and work in a host country for 10 years or more. The right solutions will depend on whether they retire in the host country or return to the home country. In theory this would not matter if issues of portability of pensions and social security contributions are simple and easily fixed. But given the complexities of these arrangements, it is important to ensure that other solutions are available even where treaties and regulatory solutions exist. Whether migrants will return to the home country will have a personal and a national dimension – with different rules and political preferences in the host countries as to whether migrants should be able to acquire citizenship and rights to social security and permanent residence. A person who may have planned to work in a host country for one year may end up staying for decades. Someone who had planned to move permanently may change their mind, or circumstances may lead them to return to their home country. Hence the approach to the initial years of migration will need to be flexible enough to help migrants in the event their life takes a different path to the one they were planning.

the migrant and remittance transaction-level would be essential to appreciate their need, insurers and pension providers must also innovate on gender-focused product design and delivery of the products through a gender-sensitive channel.

Collection and analysis of sex-disaggregated data will help target the potential migrants better.

Despite the usefulness of sex-disaggregated data in optimum targeting and product behaviour analysis, a gender focus is still lagging in relation to remittances, and in migrant insurance and pensions as well. It is important to ensure that the data infrastructure of a provider is correctly identifying the gender of the

actual user so that moral hazards and adverse selection issues can be avoided, and products can be designed for and delivered to the women migrants who show unique demand and livelihood characteristics. Insurance products and communications may also be designed considering the migrant family as a unit, rather than the individual customer. It is experienced that trust in the product and better claim efficiency is achieved if the family is considered a unit of insurance. The logic may also be extended for issuing group products (group insurance or gratuity) for the migrant communities, as has been practiced in the case of Knights Columbus, as noted in [Migrant Financial Resilience: Where are we in Preparing the Building Blocks?](#)

Conclusion: The Canvas

The current state of migrant insurance and pension (see [Migrant Financial Resilience: Where are we in Preparing the Building Blocks?](#)), although sub-optimal, does signify possible opportunities and prerequisites for a comprehensive financial resilience domain for the migrants. Expanding these existing solutions and leveraging new ones - created through enabling policies, regulations and innovations in the pension and insurance industry, as well as cross-border remittances - may explore the potential for migrant insurance and pension. As has been discussed in this note, there may be a multitude of options to ensure the financial resilience of the migrants through a mix of public and private sector initiatives (See Annexure I for detailing of the options). Although these are evolving structural choices, an efficient design opportunity will depend on the maturity of the regulatory, policy and market environment in the home and the host country. The thematic components contributing to creating enabling migrant insurance and pension ecosystem are presented below (Figure 4).

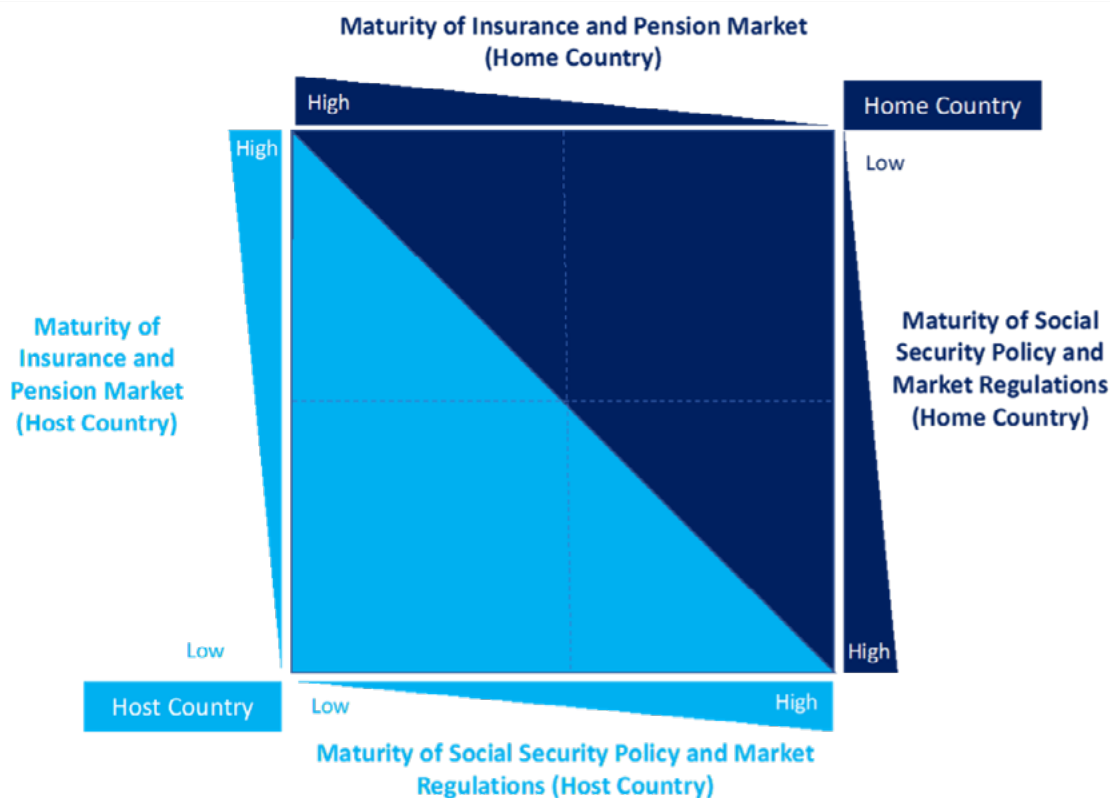
Figure 4: Thematic components to assert design options and opportunities in migrant insurance and pension



This simplistic framework, however, may exclude the dependencies of these components across the home and the host country. For example, if a home country's market and regulatory maturity are limited, the optimum design choice for the migrants from the country might depend on the maturity of the host country or vice versa. A more complete framework, therefore, must look at both sides of a corridor for effective design adjustments. The Canvas of Migrant Insurance and Pension (presented in Figure 5) may be a useful tool to assess the readiness of any emerging design based on its dependence on the coordinates and positioning within the Canvas. The Canvas may help map any emerging (or existing) business model of migrant insurance or pension according to its suitability in the context of any particular corridor.

It must be noted that this thematic construct is qualitative and provides only a high-level suggestion on how the probable models may suit the maturity of the home and host country markets. Since the understanding of the potential market and the underlying possibilities are still evolving, probable models and their fitment in the context of the Canvas may get modified in the years to come. Going forward, it would be important to assess the readiness of the emerging migrant insurance and pension models (See Annexure I) into the framework, so that a coherent narrative may evolve for the future business models.

Figure 5: Canvas of Migrant Insurance and Pension



Annexure I: High-Level Structural Options in Migrant Insurance and Pension

1. **Non-contributory migrant social insurance schemes:** Migrant home and host countries, under multi-lateral, regional or bilateral agreements, may provide basic social insurance and old-age benefits to the outgoing or incoming migrants. Employers in Bahrain, Saudi Arabia and Oman are mandated to provide such workplace injury benefits to their migrant employees through social insurance provision. If the portability of such a scheme is ensured, it may provide basic coverage to a vast majority of organized sector migrants. However, such schemes may systemically exclude the seasonal, temporary or unorganized sector migrants due to compliance and traceability issues. In addition to dependence on political priority and perpetual pressure on the fiscal exchequer, unilateral initiatives by the sending country governments to provide such social insurance (e.g. Philippines) may limit the magnitude of benefits due to the absence of employer contribution into such schemes. In countries with a well-developed national social protection programme and smooth coordination between the migration/ immigration system with the social protection entities, such schemes may benefit the low-income migrants.
2. **Mandatory co-contributory Pension and Insurance by host countries:** The migrant host countries may implement employer co-contributory insurance or pension schemes for the migrants. Such schemes also operate under multi-lateral or bi-lateral agreements. Such programme may work only if pension and insurance are made integral to the migrant employment process (see [Migrant Financial Resilience: Where are we in Preparing the Building Blocks?](#)) and the mechanism to ensure compliance of the employer is well maintained. Since these programmes involve migrant contribution, the issues of portability and tax treatment of contribution and benefit in such schemes also become more prominent to ensure migrant centrality. Such schemes naturally are embedded into broad spectrum of the host country's national social security system. The unorganized sector, temporary or seasonal migrants still remain outside the purview of such insurance or pension regime.
3. **Mandatory coverage for outgoing migrants:** In absence of bilateral or multilateral agreements, the home countries may mandate compulsory insurance or pension for the outgoing migrants, irrespective of the destination. Such schemes may be partially or fully contributory. Migrant insurance programmes of Bangladesh, India, Pakistan, Sri-lanka and the Philippines are examples of such schemes (see [Migrant Financial Resilience: Where are we in Preparing the Building Blocks?](#)). The success of such programmes will depend on the extent to which the home country's government may make the scheme integral to the migrant employment and migration process. Also, the efficiency and maturity of the home country's insurance or pension market will determine if the scheme can really serve the needs of the migrants and their families. Regulation for cross-border documentation and operationalization of the scheme is also needed for long-term sustainability of these schemes.
4. **Embedded or bundled private sector insurance:** Insurance (and rarely pension) may be embedded into the financial services accessed and used by the migrants in the host countries. Such insurance programmes may be bundled within remittance, mobile money, banking or telecom services, delivered either as a freemium product or may be provided with contribution from the user/migrant. Two most important prerequisite for such products are: 1) regulatory clarity on such private sector migrant insurance (including regulation for e-KYC, payment,

allowing migrants to be insured within the host country legislation, cross border documentation, cross-border payment of claims etc.); and 2) business model alignment between the value chain members of such schemes (including the insurer, the MTO/RSP, Bank, MNO etc.). These schemes may also be led and operationalized by the Fintechs, who may leverage new ag technologies and platforms mentioned in Box 1.

5. **Voluntary Insurance or Pension in home country:** If the home country's insurance market is matured, the migrants may choose to insure themselves and their families through products underwritten in their home countries. The regulators in such case must enable cross-border payment of premiums and claims and ensure that the migrant continues to enjoy the benefits of the scheme in the host country. In the case of pensions, such schemes subvert the need for portability if the migrant retires in the country of origin. However, such a scheme may work only if the home country has a well-developed private third pillar pension market, and if the migrant is enabled to contribute to her/his pension fund from abroad.

6. **Voluntary insurance or pension in the host country:** Insurers or pension funds operating in the host countries may also design and implement voluntary insurance or pension products for migrants. In absence of a strong home country insurance or pension market, and limited mandatory provision, such schemes may arise as the only option to provide financial resilience to the migrants, including those having temporary, seasonal or unorganized sector status. While the portability of such schemes is essential (mostly for pensions), a viable and scalable business model may be achieved by aligning the insurance and pension value chain in such cases including insurers, pension fund managers, MTOs, MNOs, mobile money providers, banks and fintechs.

7. **Global or regional pension funds for migrants:** To ensure pension coverage of migrants from a wide range of host and home countries, global pension funds may implement multi-country pensions through a regional or global pension fund. In a co-contributory paradigm, the host (or even home) country government may limit the level to which the contribution for pension by employers and employees of their country may reside in a neutral or other country. However, in a third pillar private pension, such schemes may truly subvert the issue of portability and ensure efficient management of asset as well as pension payment.

8. **Global migrant insurance scheme:** Global re-insurers and insurers may leverage their global presence to design and implement migrant insurance products in multiple countries. Such a scheme will need regulatory support in reducing entry barriers and cross border contracts, documentation and payments. Actual onboarding and claim servicing may be done by the local partner institutions of the global insurer/reinsurer. Such a product may avoid the cross border issues of managing a migrant insurance programme.

Annexure II: Stakeholders Consulted

UNCDF interviewed more than 50 global experts as part of the research to uncover the most important elements to improve financial resilience for migrants. The insights from these interviews and consultations have been included in this paper. Below is a list of the stakeholders and experts consulted to define the challenges, opportunities and the future prospects in migrant insurance and pension.

Name	Institution
Ali Akram	UNCDF
Anil Gupta	MSC Consulting
Antonia Esser	CENFRI
Arup Chatterjee	Asian Development Bank
Balqais Yussof	Employee Provident Fund, Malaysia
Barbara Magnoni	EA Consultants
Brandon Mathews	Stonestep Consulting
Carl Hiralal	Central Bank of Trinidad and Tobago
Charlotte Clarke	Association of British Insurers ABI
Christian Pedak	LAmie
Craig Thorburn	World Bank
Dalibor Vavruska	Digital Innovation
Dariusz Stanko	International Organisation of Pension Supervisors (IOPS)
David Corney	UK Global
Diane Maxwell	Jersey Financial Services Commission
Dirk Reinhard	Munich Re Foundation
Ebrahim Ebrahim	FinTech Robos
Ernesto Brodersoh	International Social Security Association
Faisal Alhijawi	BUNA
Fermin Vivanco	IDB
Gautam Bharadwaj	PinBox Solutions
Gavin Perera-Betts	NEST
Geric Laude	Pioneer Insurance Philippines
Hannah Grant	Access to Insurance Initiative
Isabelle Carboni	GSMA
Jason Ganon	OECD
Jeremey Leach	Inclusivity Solutions
Justin Wray	EIOPA (EU Insurance and Pension Regulator)
Lukas Keller	GIZ
Manoj Pandey	Access to Insurance Initiative
Manoj Sharma	MSC Consulting
Mark Davis	World Bank
Mel Charles	UK Pension Regulator

Mia Thom	CENFRI
Michael Hafeman	Toronto Centre Insurance
Michael McCord	Milliman
Michal Matul	AXA -emerging Customers
Michele Grosso	Democrance
Nick Catino	Wise
Nick Sex	NEST
Olga Fuentes	Chile Pension Regulator
OUDRY Guenole	AFD
Pablo Antolin	OECD
Peter Smith	Dubai Financial Services Authority
Raul Ruggia-Frick	International Social Security Association
Robert Timmer	Blueprint Pensions
Saad Farooq	GSMA
Sarah Ebrahimi	IFC/World Bank Inclusive Insurance and Gender
Shariful Hasan	BRAC, Bangladesh
Syed Moinuddin Ahmed	Green delta Insurance Company
Uluc Icoz	Turkish Insurance and Pension Regulator

Annexure III: References

- [1] Holzmann, Robert, 'The Cross-Border Portability of Social Benefits', ifo DICE Report 16, March 2018.
- [2] Transfer of social security benefits across borders in the absence of BLAs and multilateral agreements.
- [3] World Social Protection Report; ILO; 2020-22
- [4] International Labour Organization, 'Handbook on The Extension of Social Security Coverage To Migrant Workers', Geneva, 2014.
- [5] International Organization for Migration, 'World Migration Report 2020', Geneva, 2020.
- [6] Ziyi, Huang, 'Leaving Transferred Money on the Table: Will Remittance-Linked Financial Products Add Value to Development Financing?', Milken Institute, Washington, DC, 2017.
- [7] See, for example, the discussion in 'The Taxation of Pensions' 2018, edited by Holzmann, Piggott, and Genser.
- [8] GIZ, 'Microinsurance and Remittances—Teaming up for development or obstructing each other?', Bonn and Eschborn, 2011.
- [9] Mukherjee, Premasis, 'Loyalty-based Mobile Insurance: Is Design Aligned to Business Objectives?', Briefing Note 160, MicroSave, Lucknow, 2015.
- [10] Mukherjee, Premasis, and Graham Wright, 'Emergence of Mobile Insurance Models', MicroSave, Lucknow, 2016.
- [11] See Fuentes and Price (2020) Toronto Centre. The seven (7) key lessons are:
1. Regulators should decide on financial literacy initiatives only as part of an integrated (risk-based) supervisory assessment framework;
 2. Regulators should prioritize interventions that build in a test-evaluate-adapt design;
 3. They should proactively prioritize the development of partnerships and tools that will enable the test-evaluate-adapt approach to support pilots of new 2nd and 3rd pillars;
 4. Regulators should prioritize interventions that are not standalone but are targeted interventions combined with improvements in policy and design of a system;
 5. Supervisors (and others) should avoid broad-based, generic financial education for adults in classroom settings since this is rarely likely to be useful;
 6. Classroom interventions for children – suitably developed and efficiently delivered – can have a positive cost-benefit impact and are worth exploring;
 - and 7. Supervisors should supplement a focus on information and disclosure by using their regulatory powers or working with the relevant ministry to ensure simpler, safer, and better value products that work with the reality of low financial literacy that is likely to persist in the coming years.
- [12] <https://www.gov.uk/guidance/check-the-recognised-overseas-pension-schemes-notification-list#history>